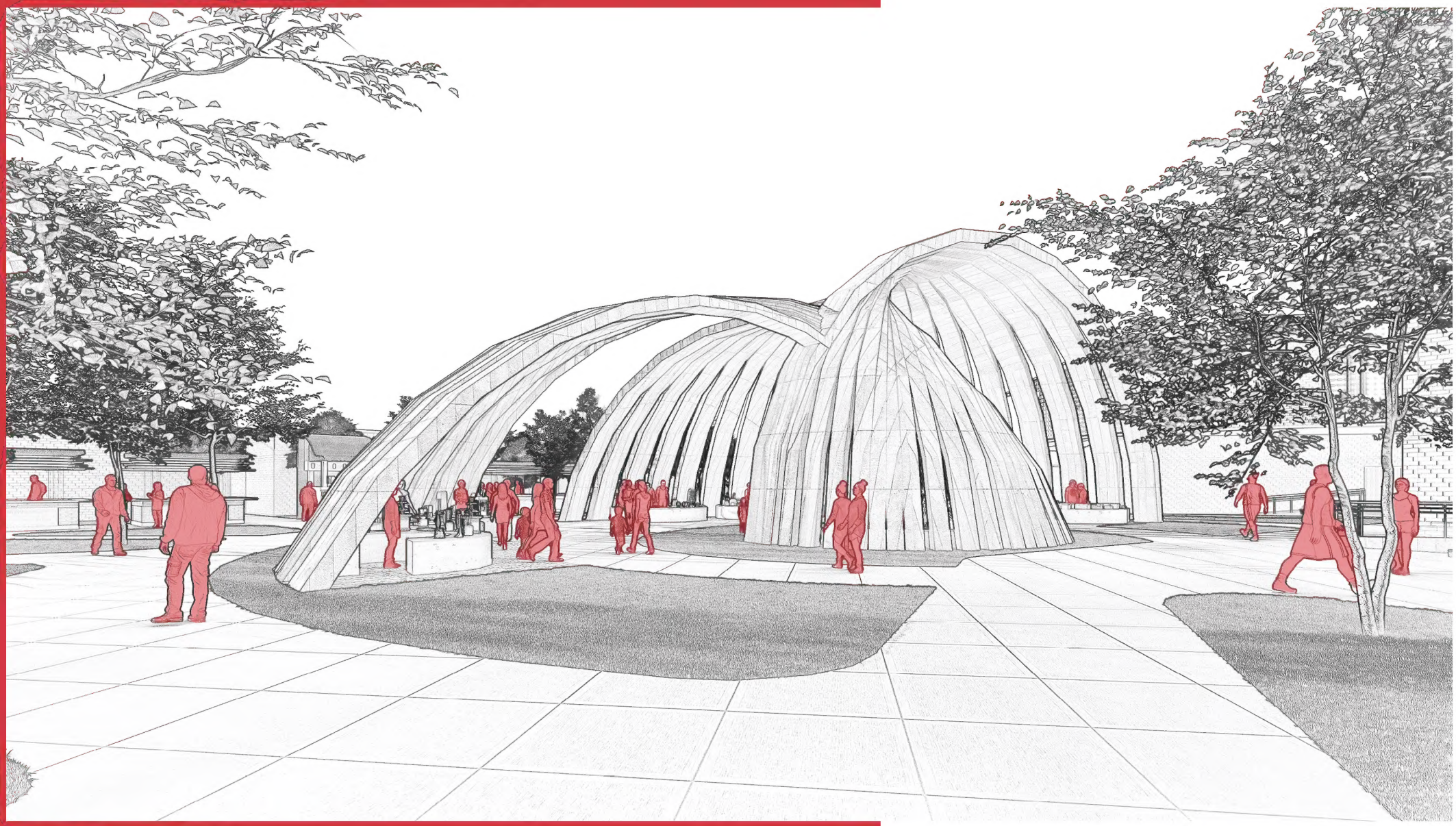
ARCHITECTURE PORTFOLIO



Selected works (2021-2025)

Manya Pugalia

scan me!

I'm an architecture student with a keen interest in multidisciplinary design.
Through my academic projects, I've tried to reflect this and have done my best to present my work clearly and intentionally.

I'm now looking forward to gaining hands-on experience and contributing to meaningful, real-world design projects.

+91 7303343078 | manyapugalia04@gmail.com | New Delhi

education

2021-2026 **University School Of Architecture & Planning, GGSIPU, East Delhi**
B.arch

2011-2021 **Amity Internation School, Vasundhara, Sector - 1, Ghaziabad, Uttar Pradesh**
Percentage- 95.8%
[Physics, Chemistry, Mathematics, Computer Sc., Physical Education, English]

experience

AMRD Corporation, Surat, Gujarat
(June 2024 - July 2024)

Placement Cell Coordinator, USAP
(September 2024 - Present)

Studio Representative, USAP
(December 2021 - July 2022)

certifications

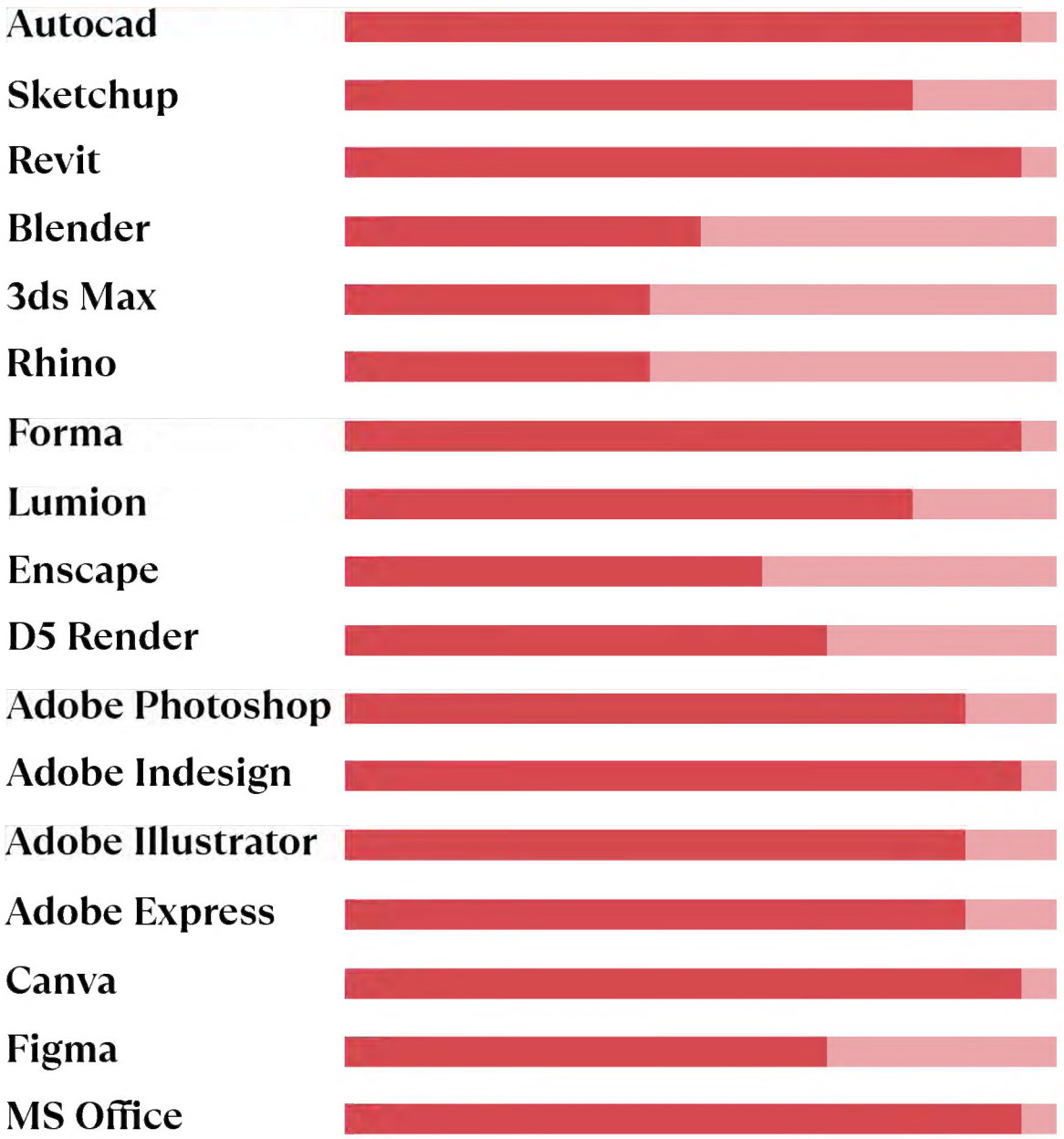
TU Delft - DelftX: Global Housing Design *(May 2025)*

Harvard University - HarvardX: The Architectural Imagination *(February 2025)*

Corizo - AutoCad Training and Internship Program *(March 2024)*

Blessedarch - Architecture Illustrations Beginners with The Archart *(November 2023)*

softwares



publications

2025 Noise to Harmony:
The Power of Urban Soundscapes

2024 Closer than you think: 15-minute city vision in Delhi's Diverse Districts

2020 Half Girl Half Knife

competitions

Writing Trophy 2023

Tiny House Design Competition 2023

Industrial Design 2022

Annual NASA Design Competition 2022

Industrial Design 2021

Laurie Baker Trophy 2021

hard skills

Rendering & Visualization
Graphic Design & Presentation
Planning & Concept Development
Technical Drawing
Sketching
Model Making

soft skills

Creative Problem Solving
Attention to Detail
Time Management & Multitasking
Adaptability & Continuous Learning
Collaboration & Teamwork
Presentation & Storytelling in Design

contents

01

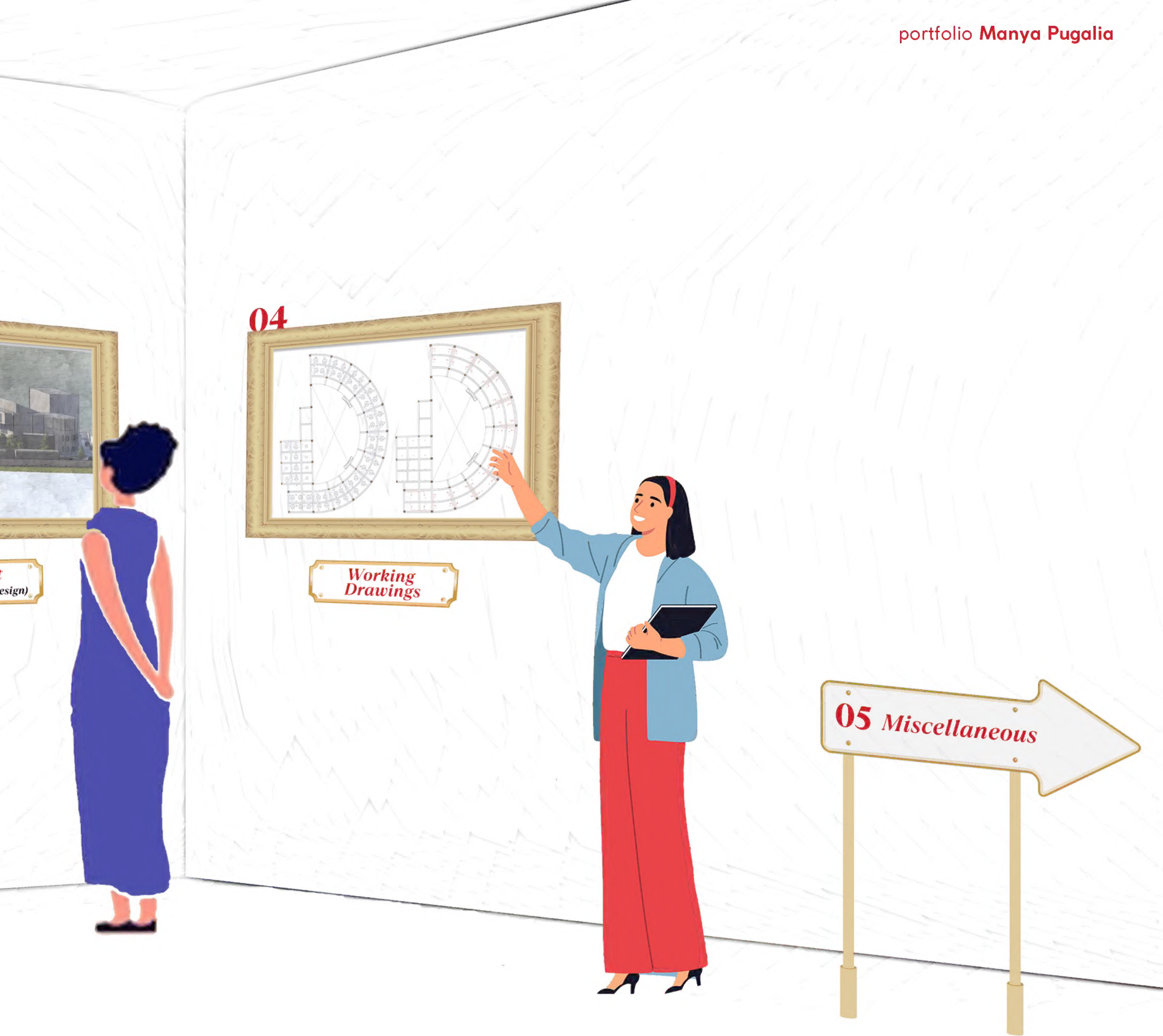
02

03

Axiom Sphere
(hospital design)

Zenith Nest
(TOD residential)

Element
(cultural centre d


esign)
04
Working Drawings
05 Miscellaneous

axiom sphere

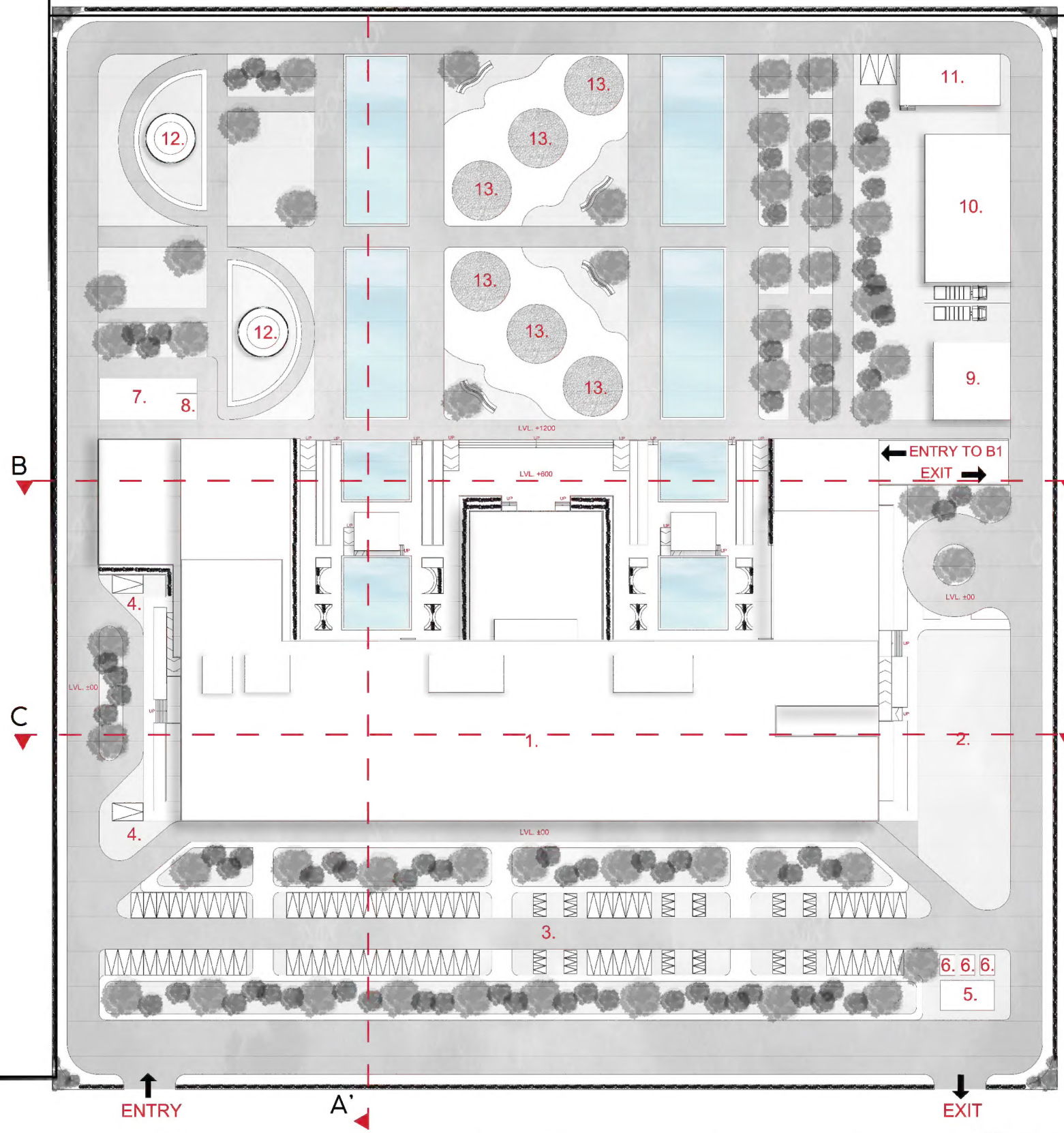
/ˈaksɪəm/

A universally accepted principle; the foundational truth in both science and care.

Typology: Institutional
Location: Noida, Uttar Pradesh
Site Area: 10 Acres (40470 sq. m.)
Achieved Coverage: 6320 sq. m.
Achieved FAR: 1.1

This 200- bedded hospital in Delhi NCR redefines healing architecture by placing equal emphasis on both patient care and staff wellbeing. While patient comfort, recovery, and dignity remain central, the design also acknowledges the vital role of health-care staff, who spend long hours in high-pressure environments.

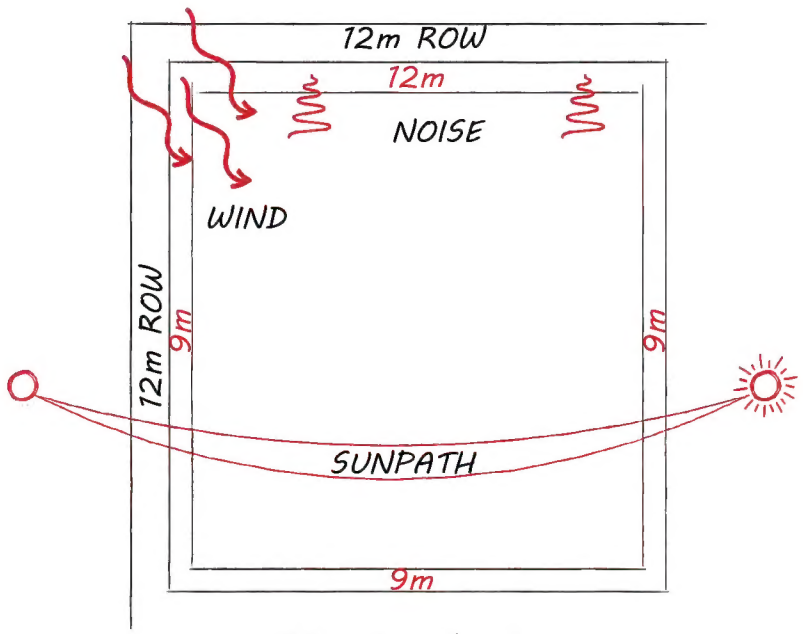
By incorporating natural light, soothing materials, restorative spaces for staff, and intuitive, efficient layouts, the hospital aims to create an environment that promotes healing, reduces stress, and supports the physical and emotional wellbeing of everyone within its walls.



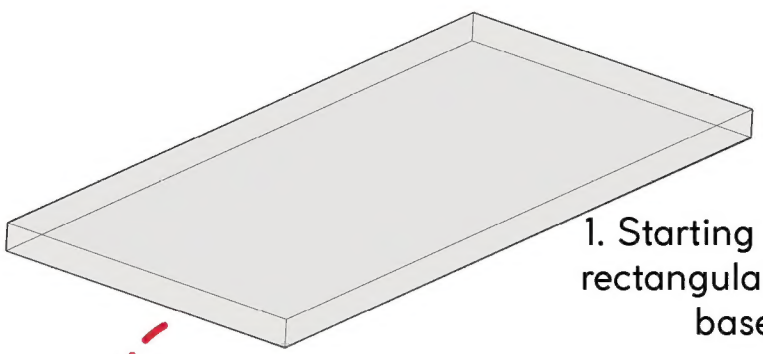
Site Plan

N

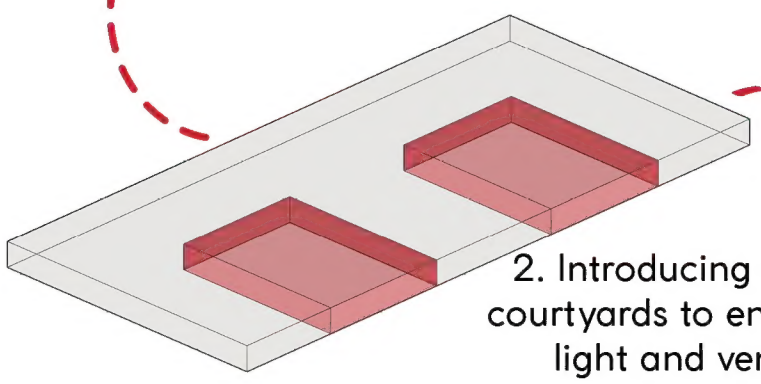
1. MAIN BUILDING FOOTPRINT
2. FUTURE EXPANSION
3. PARKING AREA
4. AMBULANCE PARKING AREA
5. SUBSTATION
6. DG
7. CYLINDER STORAGE AREA
8. OXYGEN GAS HANDLING
9. STP
10. WASTE DISPOSAL
11. MORGUE
12. GAZEBO
13. ROCK GARDEN



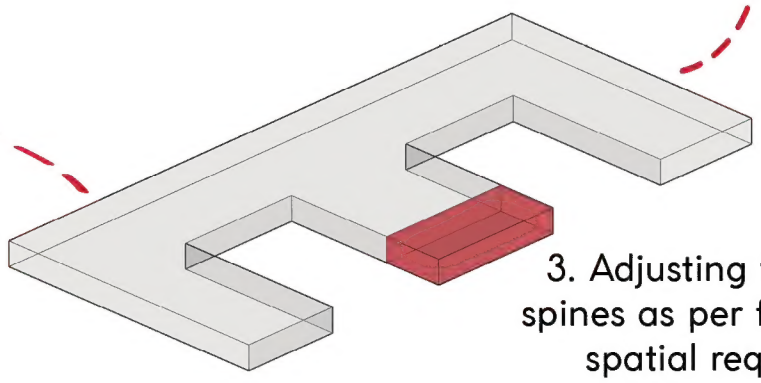
Site Analysis



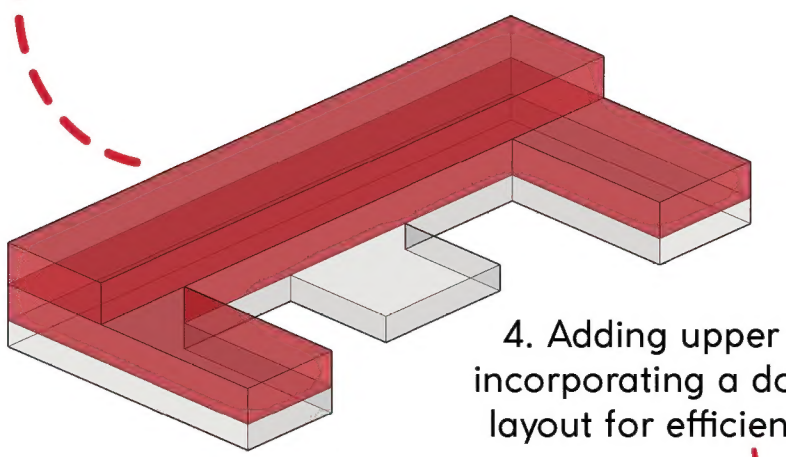
1. Starting with a simple rectangular block as the base mass.



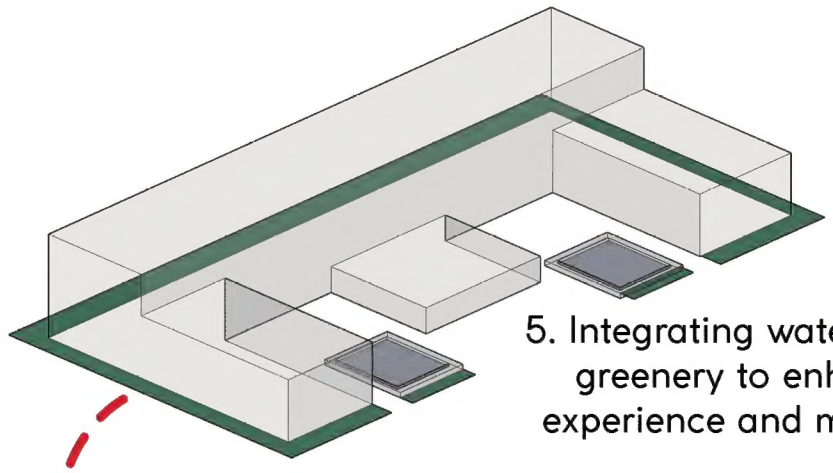
2. Introducing spines and courtyards to ensure natural light and ventilation.



3. Adjusting the length of spines as per functional and spatial requirements.

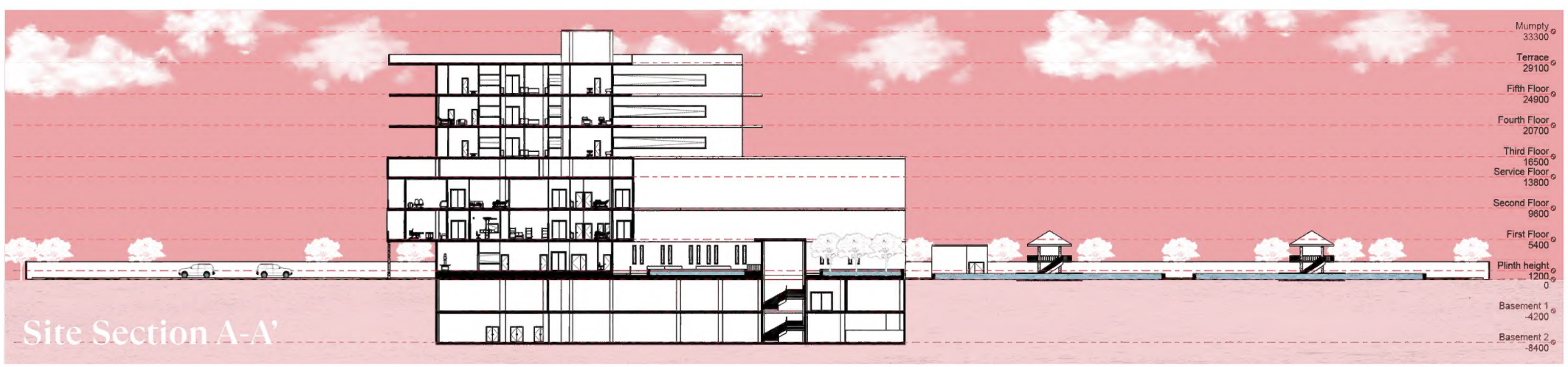


4. Adding upper floors while incorporating a double corridor layout for efficient circulation.



5. Integrating water bodies and greenery to enhance user experience and microclimate.

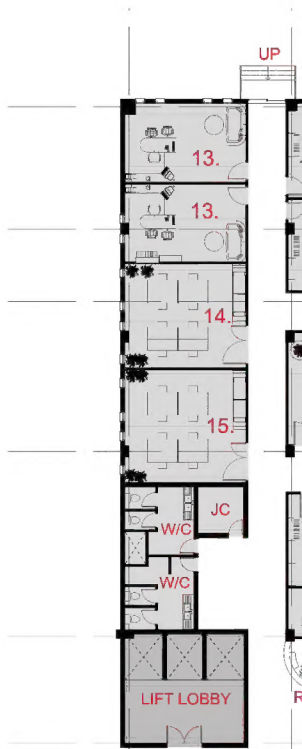
Form Development



Emergency Department

1. POLICE ROOM
2. REGISTRATION
3. RECEPTION
4. NODULE OFFICER
5. PROCEDURE ROOM
6. POINT OF CARE
7. PLASTER ROOM
8. NURSE'S ROOM
9. DOCTOR'S ROOM
10. PRE/POST OP
11. CHANGING ROOM
12. ISOLATION ROOM
13. OPERATION ROOM
14. INDUCTION ROOM
15. SCRUB
16. TSSU
17. CLEAN/DIRTY UTILITY

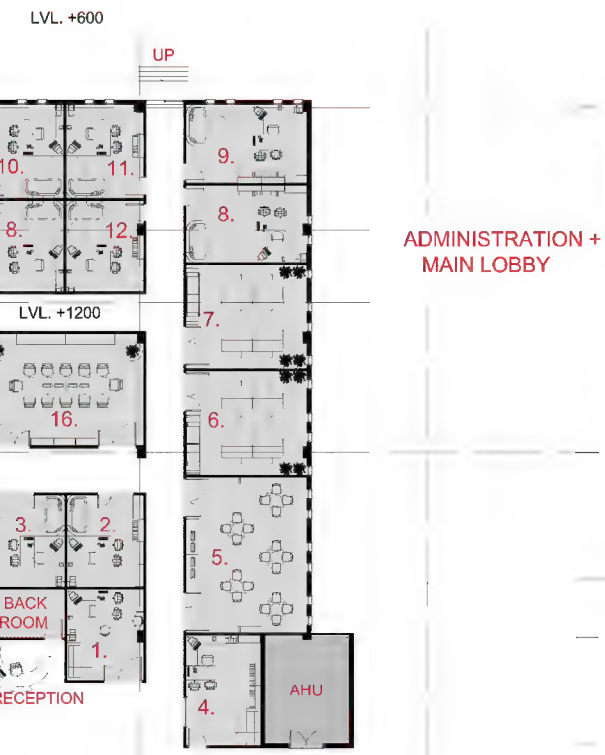
Grou



Radiology Department

1. X-RAY
2. CONTROL ROOM
3. CHANGING ROOM
4. ULTRASOUND
5. PREPARATION ROOM
6. PROCESSING ROOM
7. PREPARATION ROOM
8. MAMMOGRAPHY
9. CT SCAN
10. COMP ROOM
11. HOD
12. FLUOROSCOPY
13. MRI
14. CHECKING
15. RADIOLOGIST OFFICE
16. STAFF ROOM
17. CENTRAL REPORT PRINTING

und Floor Plan



OPD & Orthopaedic Specialty Department

1. VIP WAITING ROOM
2. PHARMACY
3. OPHTHALMOLOGIST OPD
4. OPHTHALMOLOGIST TREATMENT ROOM
5. CARDIOLOGIST OPD
6. SURGEON OPD
7. PHYSICIAN OPD
8. PEDIATRICIAN OPD
9. ENT OPD
10. DERMATOLOGIST OPD
11. GYNECOLOGIST OPD
12. DOCTOR'S LOUNGE
13. STAFF BREAKROOM
14. OFFICE
15. TREATMENT ROOM
16. ORTHOPEDIC OPD
17. PLASTER ROOM
18. PHYSIOTHERAPY
19. HYDROTHERAPY

Administration & Main Lobby Department

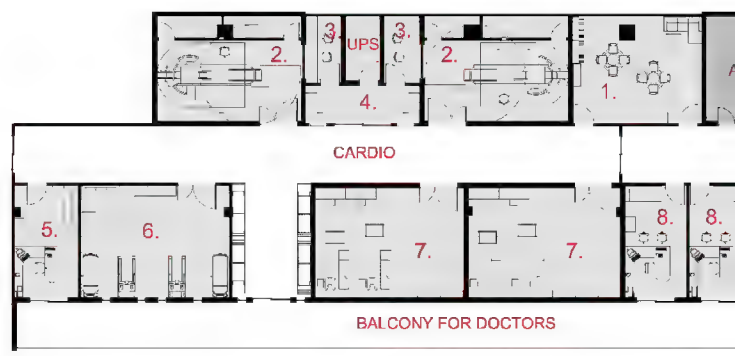
1. FAMILY INTERVIEW ROOM
2. PR OFFICE
3. LEGAL OFFICE
4. HOSPITAL INFO ROOM
5. BREAK ROOM
6. PURCHASING OFFICE
7. MARKETING OFFICE
8. OFFICE
9. DIRECTOR'S OFFICE
10. DYP MD'S OFFICE
11. MD NURSE'S OFFICE
12. DYP MD NURSE'S OFFICE
13. MD'S OFFICE
14. ACCOUNT'S OFFICE
15. GENERAL OFFICE
16. CONFERENCE ROOM
17. SOCIAL WORKER
18. TPA

Surgery Specialty Department

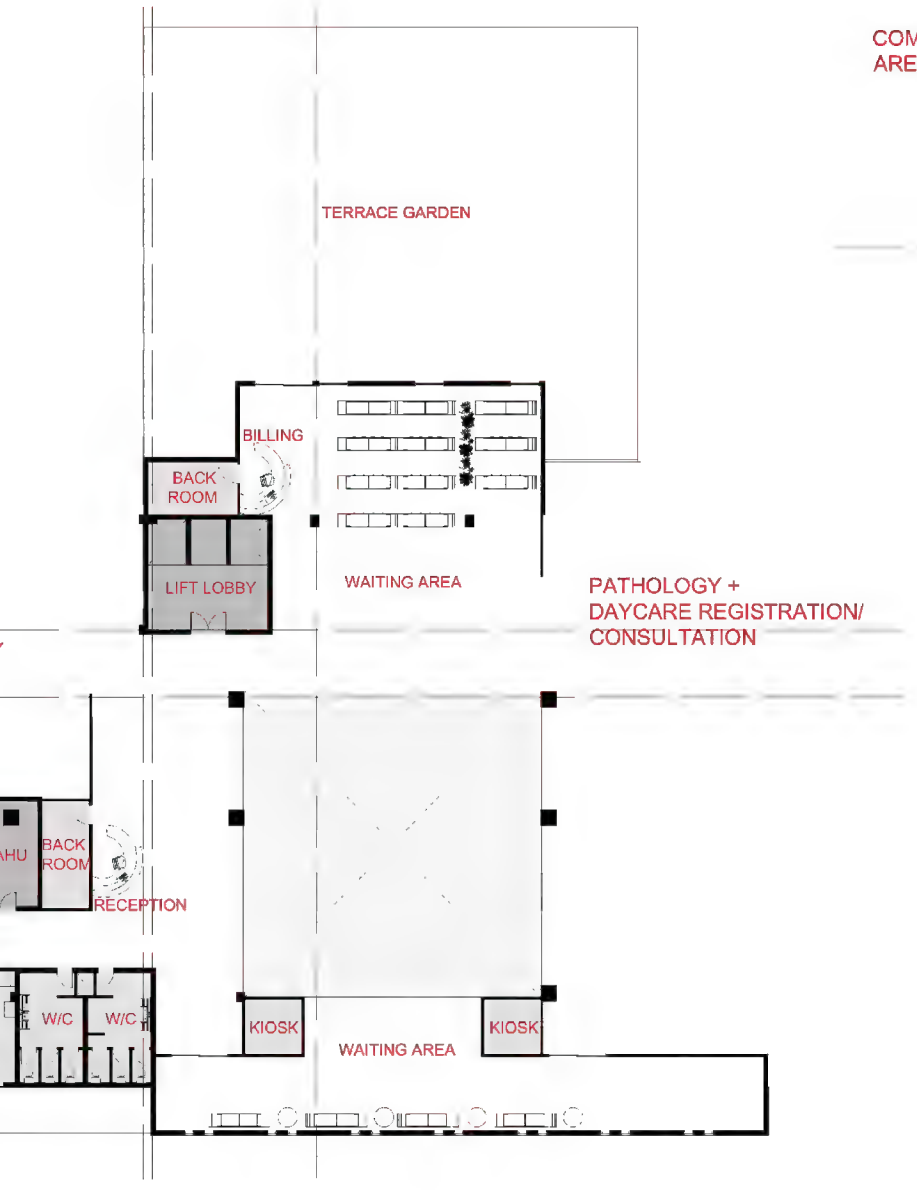
1. CLEAN UP
2. OPERATING THEATRE
3. DISPOSAL ROOM
4. STERILE STOCK STORE
5. INDUCTION ROOM
6. SCRUB ROOM
7. LINEN HANDLING
8. BLOOD BANK
9. MAJOR EQUIPMENT
10. CHANGING ROOM
11. JANITOR ROOM
12. OT MANAGER OFFICE
13. ICU
14. RECOVERY STATION
15. CICU
16. PREPARATION ROOM
17. PRE-OPERATIVE ROOM
18. PATIENT HOLDING
19. CONSULTATION OFFICE
20. STAFF ROOM
21. SURGEON RESTING
22. PAC
23. ANAESTHETIST OFFICE
24. OFFICE

Cardiology Specialty Department & Common Area

1. STAFF ROOM
2. CATH LAB
3. TECH ROOM
4. CONSOLE ROOM
5. OFFICE
6. STRESS TESTING
7. ECHO AND CARDIOGRAPHY
8. CONSULTATION OFFICE



t Floor Plan



Pathology Department & Daycare Registration, Consultation

1. SCREENING ROOM
2. BLOOD COLLECTION
3. RECOVERY BAY
4. PLASMA ROOM
5. DOCTOR ON DUTY OFFICE
6. OFFICE
7. SPECIMEN COLLECTION ROOM
8. STAFF ROOM
9. SEROLOGY LAB
10. INF SEROLOGY LAB
11. DAYCARE STAFF ROOM
12. DAYCARE MEETING ROOM
13. DAYCARE CONSULTATION OFFICE

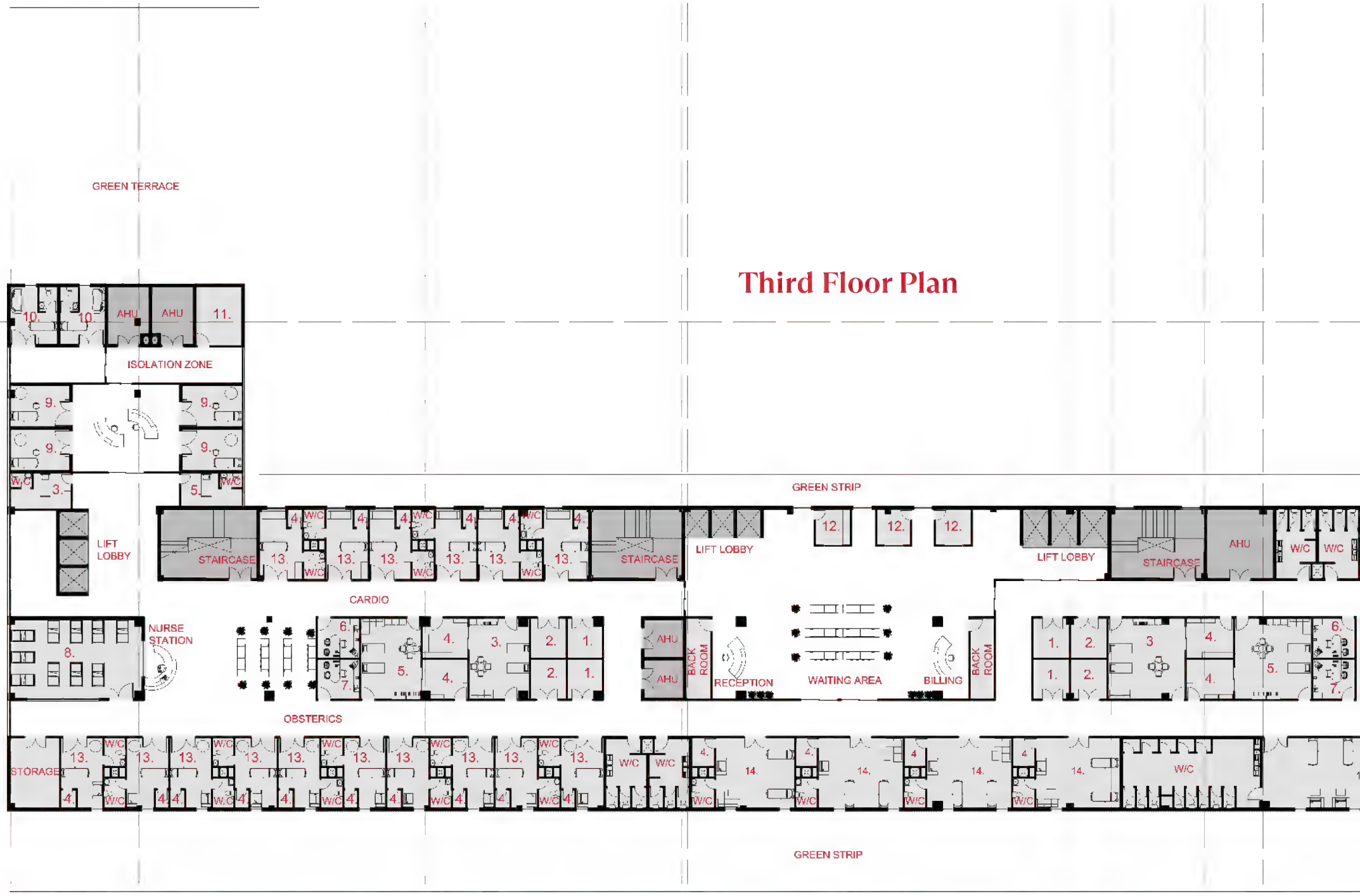
Second Floor Plan

Maternity Specialty Department

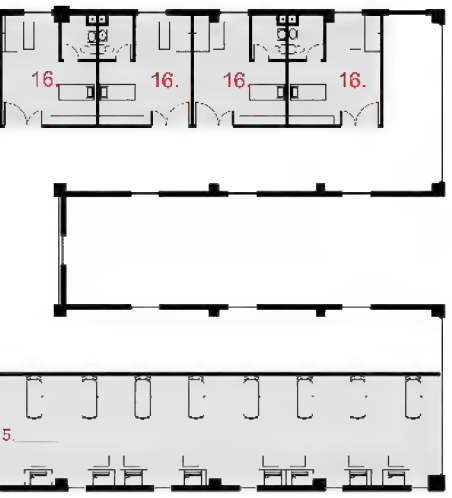
1. CLEAN UP
2. OPERATING THEATRE
3. DISPOSAL ROOM
4. STERILE STOCK STORE
5. INDUCTION ROOM
6. SCRUB ROOM
7. LINEN HANDLING
8. BLOOD BANK
9. MAJOR EQUIPMENT
10. CHANGING ROOM
11. JANITOR ROOM
12. OT MANAGER OFFICE
13. MICU
14. NEONATAL NURSERY
15. RECOVERY STATION
16. PREPARATION ROOM
17. PRE-OPERATIVE ROOM
18. PATIENT HOLDING
19. CONSULTATION OFFICE
20. STAFF ROOM
21. SURGEON RESTING
22. PAC
23. ANAESTHETIST OFFICE
24. OFFICE
25. DOCTOR ON DUTY OFFICE
26. MID-WIVE'S ROOM
27. NURSE ROOM
28. ECLAMPSIA ROOM
29. BABY REST AREA
30. LDR ROOM
31. LABOUR ROOM
32. CLEAN UTILITY
33. DIRTY UTILITY
34. ULTRASOUND
35. EXAMINATION
36. CAFETERIA

OPEN TERRACE

Third Floor Plan



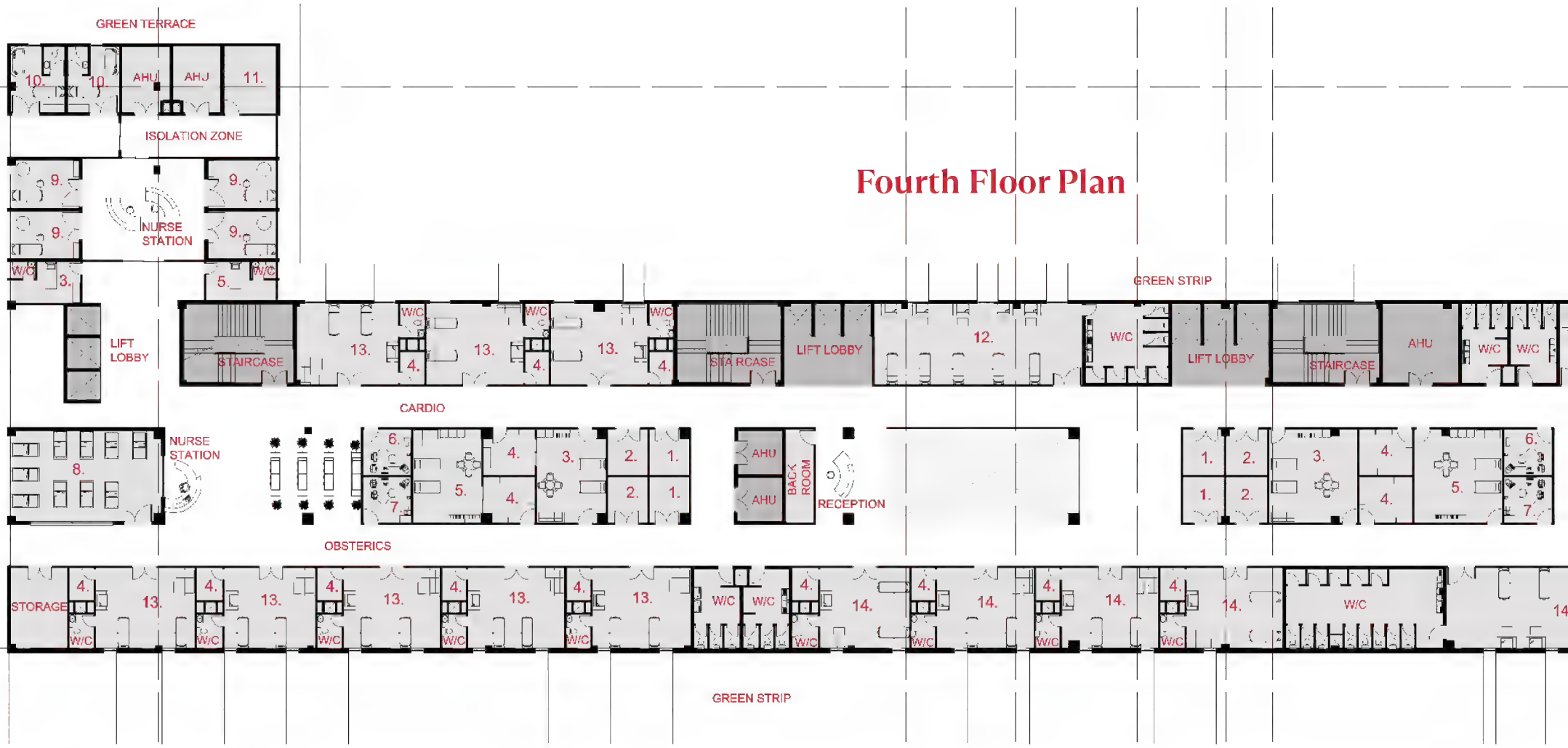
Sit Section C-C



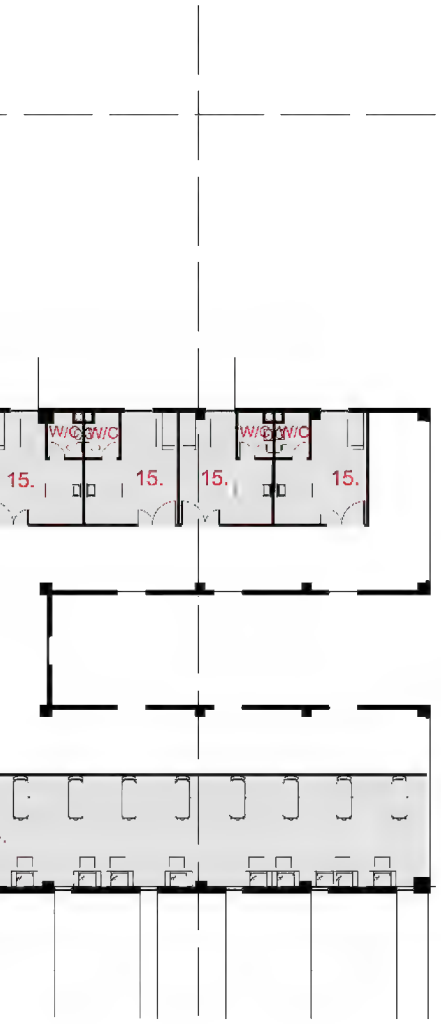
In-Patient Department

1. DIRTY UTILITY
2. CLEAN UTILITY
3. NURSE RESTING AREA
4. PANTRY
5. DOCTOR RESTING AREA
6. DOCTOR ON DUTY
7. NURSE ON DUTY
8. NURSERY
9. HDU
10. ISOLATION ROOM
11. CHANGING ROOM
12. KIOSK
13. SINGLE BED ROOM
14. DUAL SHARING ROOM
15. GENERAL WARD
16. FAMILY SLEEPING ROOM

Fourth Floor Plan

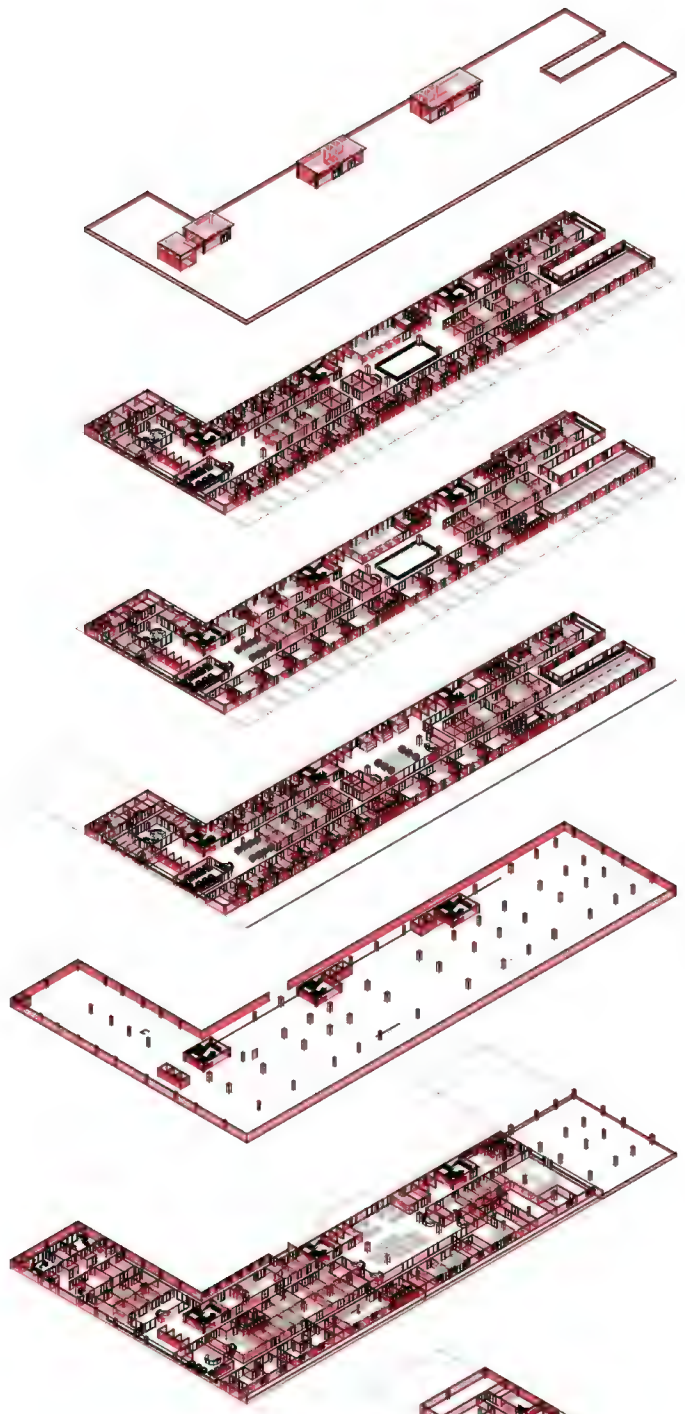


Fifth Floor Plan



In-Patient Department

1. DIRTY UTILITY
2. CLEAN UTILITY
3. NURSE RESTING AREA
4. PANTRY
5. DOCTOR RESTING AREA
6. DOCTOR ON DUTY
7. NURSE ON DUTY
8. NURSERY
9. HDU
10. ISOLATION ROOM
11. CHANGING ROOM
12. DIALYSIS WARD
13. DUAL SHARING ROOM
14. GENERAL WARD
15. FAMILY SLEEPING ROOM



TerraceFloor

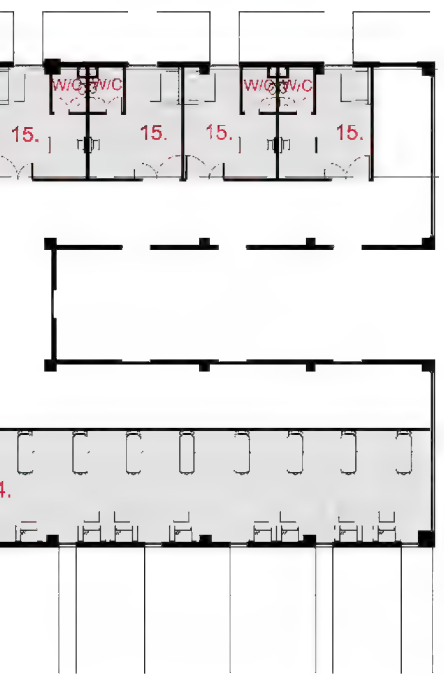
Fifth Floor
IPD Department

Fourth Floor
IPD Department

Third Floor
IPD Department

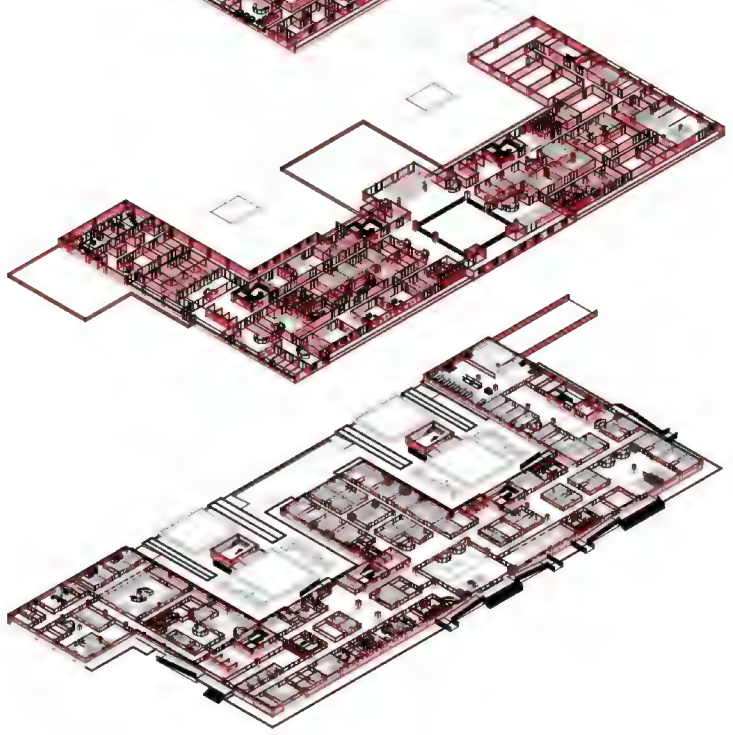
Service Floor

Second Floor
Maternity Department
Daycare Department



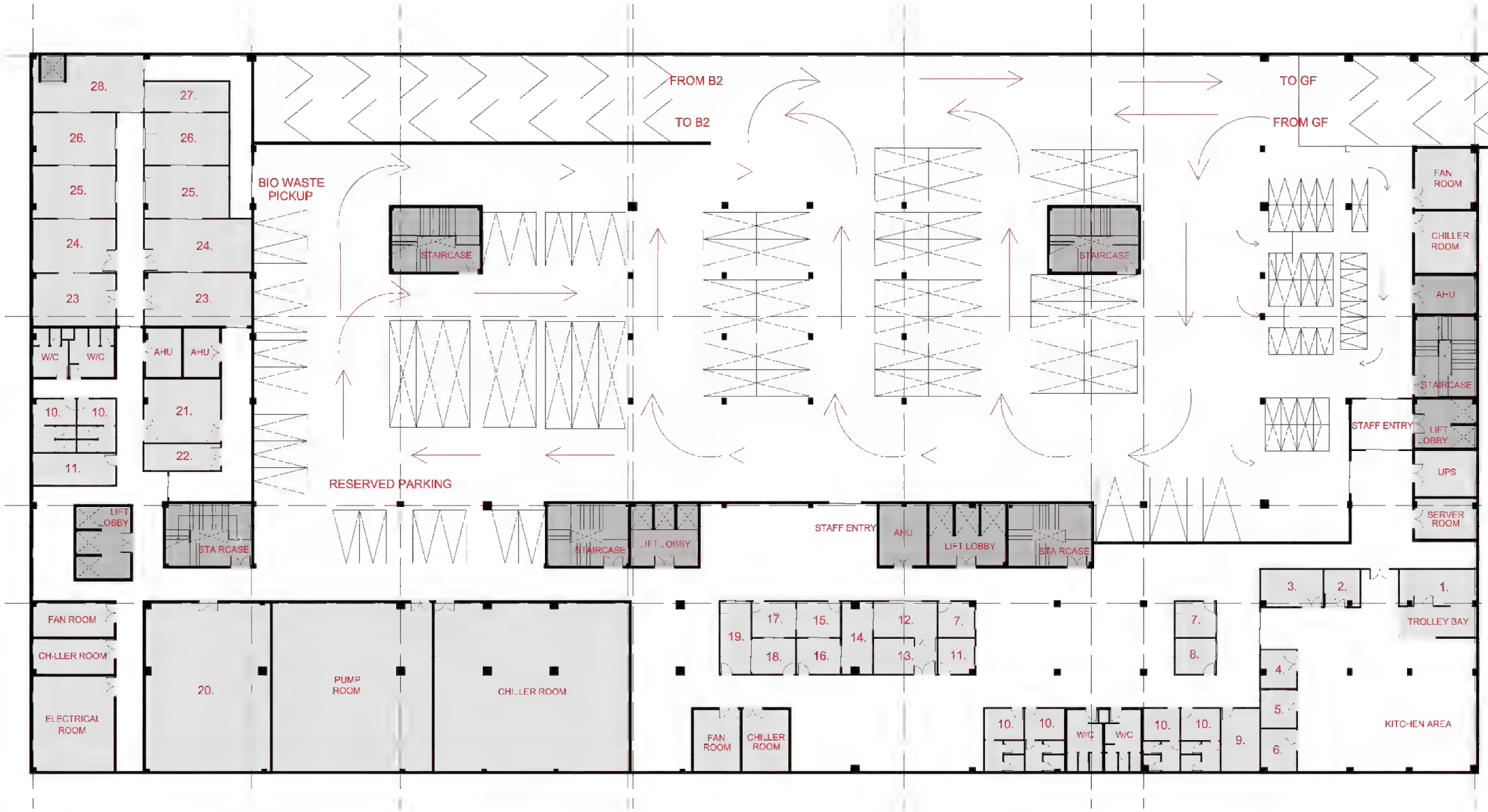
In-Patient Department

1. DIRTY UTILITY
2. CLEAN UTILITY
3. NURSE RESTING AREA
4. PANTRY
5. DOCTOR RESTING AREA
6. DOCTOR ON DUTY
7. NURSE ON DUTY
8. NURSERY
9. HDU
10. ISOLATION ROOM
11. CHANGING ROOM
12. DIALYSIS WARD
13. SINGLE BED ROOM
14. GENERAL WARD
15. FAMILY SLEEPING ROOM
16. JANITOR'S ROOM



First Floor
Surgery Department
Cardiology Department
Daycare Administration
Pathology Department

Ground Floor
Emergency Department
Radiology Department
Administration & Lobby
OPD's
Orthopedic Department

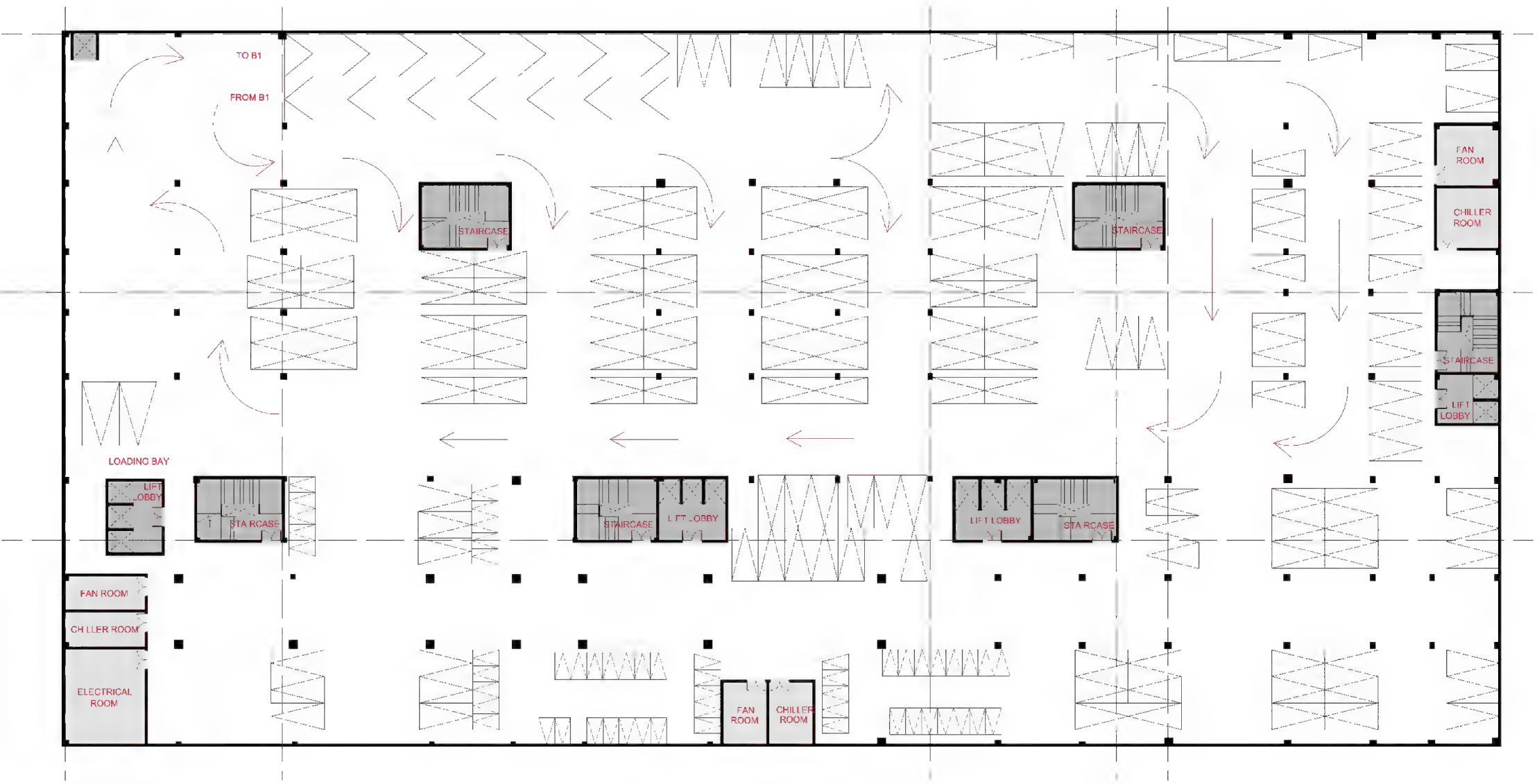


Basement - 1 Floor Plan

EXIT TO GF

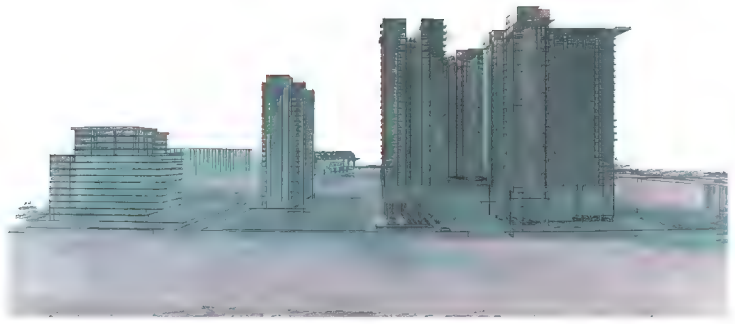
ENTRY TO B1

1. PACKAGING
2. DRY STORAGE
3. GAS CYLINDER STORAGE
4. VEGETABLE STORAGE
5. BULK STORAGE
6. COLD STORAGE
7. RECEIPT ROOM
8. MANAGER ROOM
9. DIET OFFICE
10. STAFF CHANGING ROOM
11. OFFICE
12. LOADING DOCK
13. STAFF AND STORAGE
14. DIRTY LINEN ROOM
15. INSPECTION ROOM
16. SORTING ROOM
17. WASHING AREA
18. DRYING AREA
19. CLEAN LINEN HOLDING
20. IPD PHARMACY STORAGE
21. STAFF ROOM
22. STORE ROOM
23. STERILE STOCK STORE
24. LOADING AREA
25. PACKAGING AREA
26. DECONTAMINATION ZONE
27. DISPOSABLE ROOM
28. RECEIVING AREA



Basement - 2 Floor Plan

02



zenith nest

/ˈzɛnɪθ/
The point in the sky or celestial sphere directly above an observer.

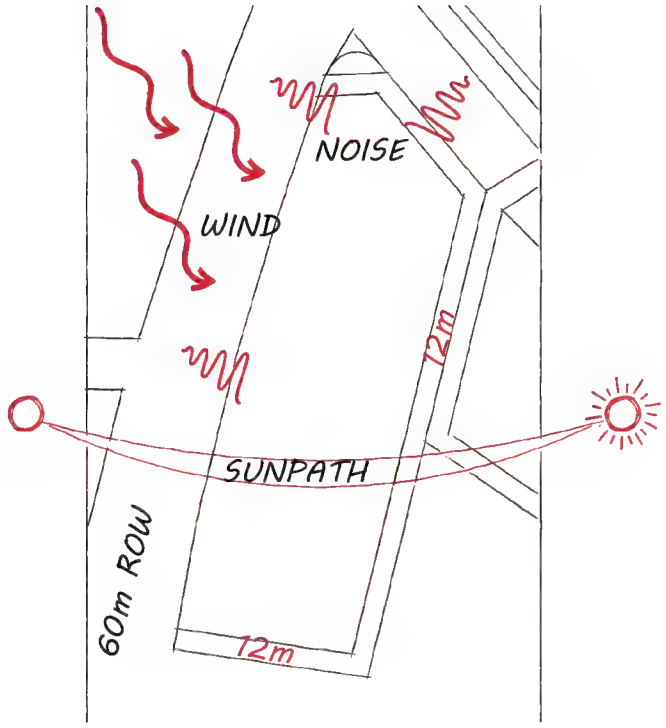
Typology: TOD Residential
Location: Dwarka, New Delhi
Site Area: 9.4 Acres (38000 sq. m.)

This transit-oriented development (TOD) housing project in Dwarka, New Delhi, offers a seamless blend of urban connectivity and natural living. Located just a 2-minute walk from Dwarka Sec-14 Metro Station and adjacent to a DDA Park, it creates a synergy between mobility and open green spaces. In addition to residential clusters,it features a commercial building with offices and a dedicated work-integrated co-living component for employees.

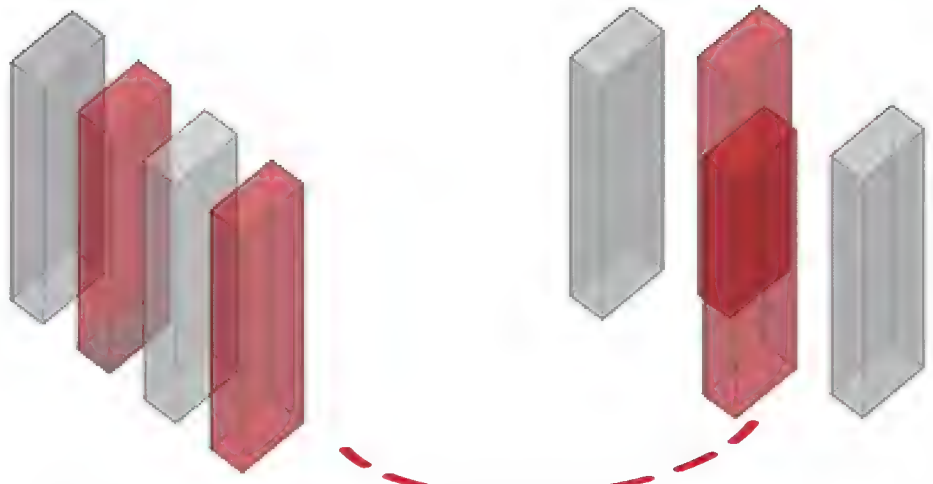
Designed for a walkable, community-driven lifestyle, the project integrates landscaped corridors, mixed-use spaces, and sustainable living strategies, setting a new benchmark for vibrant, future-ready urban habitats.

Site Plan

1. TOWER - A
2. TOWER - B
3. OPEN TO SKY PSP
4. MAIN ENTRANCE SEATING AREA
5. REJUVENATION AREA
6. CRECHE
7. HELIOSTAT
8. GROUND
9. EWS TOWER
10. COMMERCIAL TOWER
11. OPEN SEATING AREA
12. SERVICES
13. PEDESTRIAN ENTRYWAY

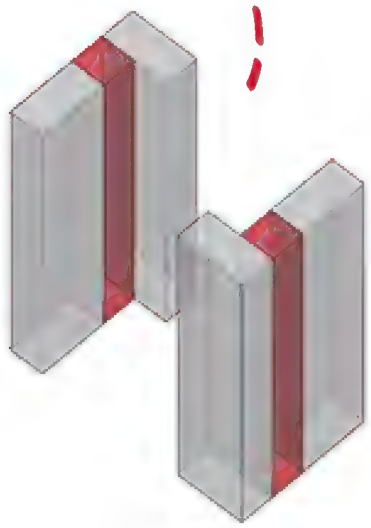


Site Analysis



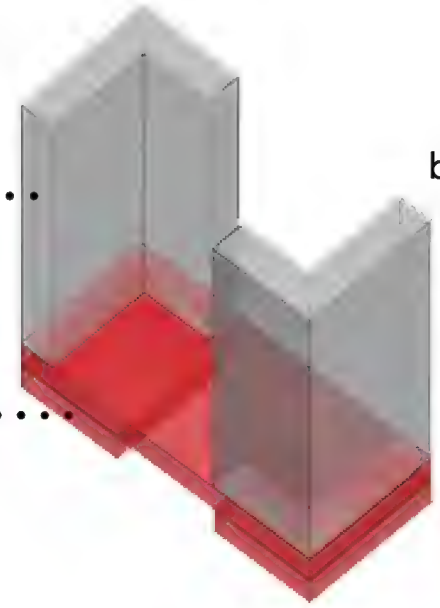
1. Vertical blocks are arranged and slightly spaced to define primary volumes and functional areas.

2. Blocks are shifted or rotated to enhance spatial organization, natural light, and ventilation.



3. Selected elements are connected to create a cohesive structure while preserving voids for circulation and aesthetics.

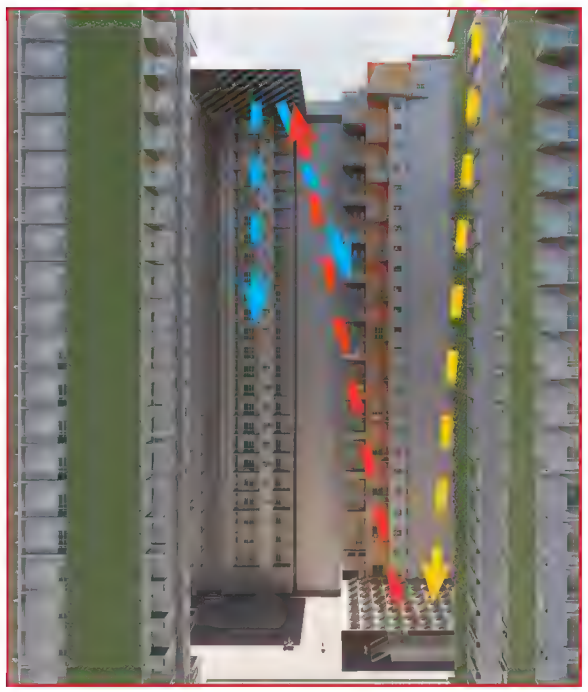
4. The design results in a unified structure, balancing mass and void for a distinct residential character.



Residential

Public - Semi Public Spaces

Form Development

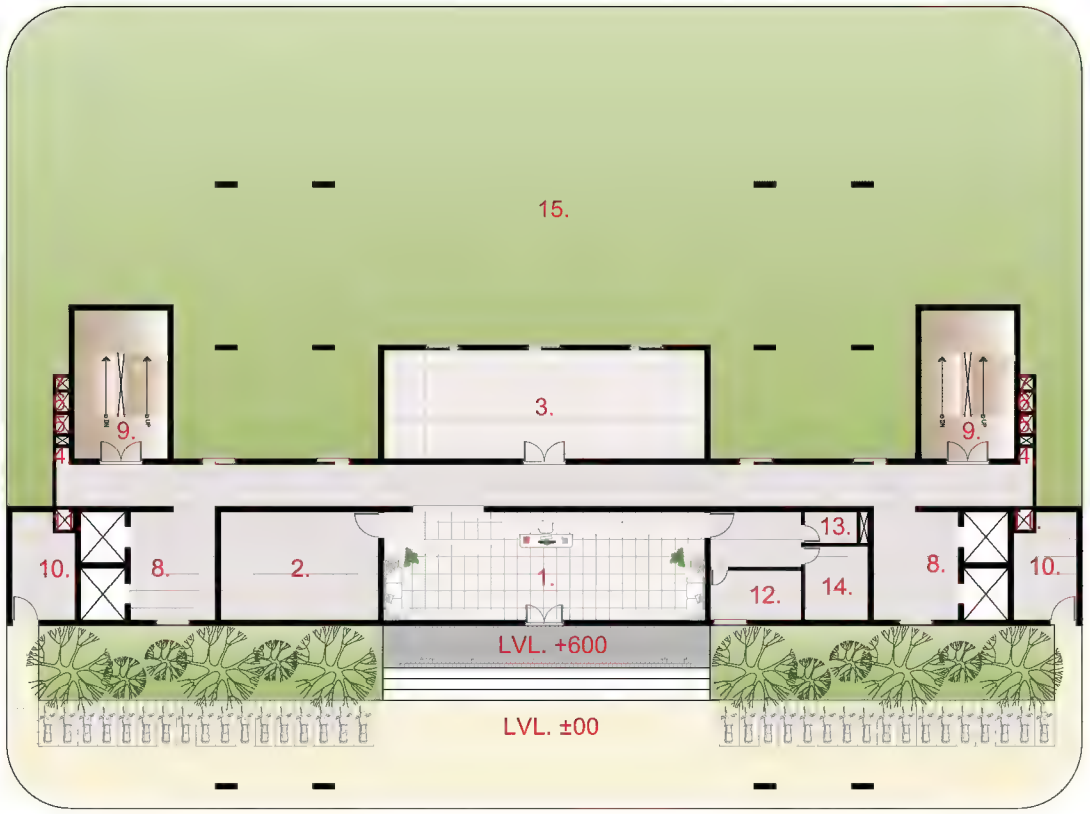


Tall buildings often overshadow open spaces.

A heliostat system installed can reflect sunlight into darker zones, ensuring an even distribution of natural light throughout the day.

Double-height balconies in housing provide an enhanced sense of openness by featuring two-story vertical clearance while also enhancing natural light, ventilation, and panoramic views.

LVL. ±00
LVL. +600
7.
2.
1.
11.
6
13.
12.
8.
10.
18.
15.
14.
17.
16.
LVL. ±00
LVL. ±00
LVL. ±00
LVL. +600
LVL. ±00
LVL. ±00

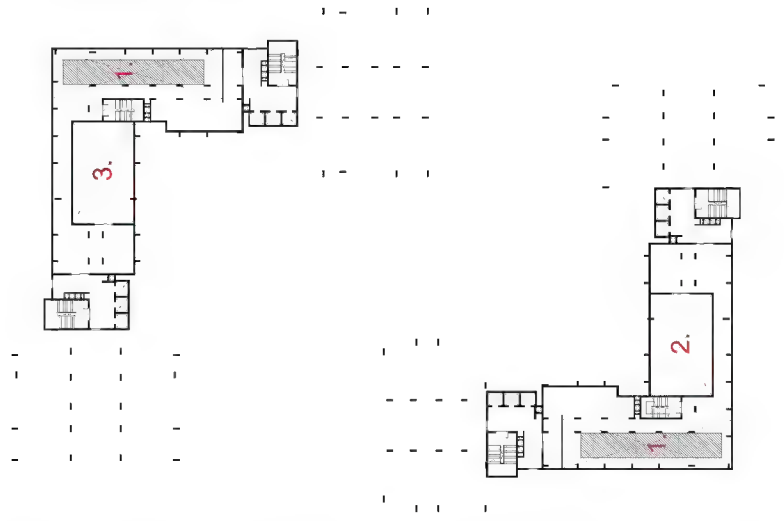


Ground Floor Plan- Tower A & Tower B

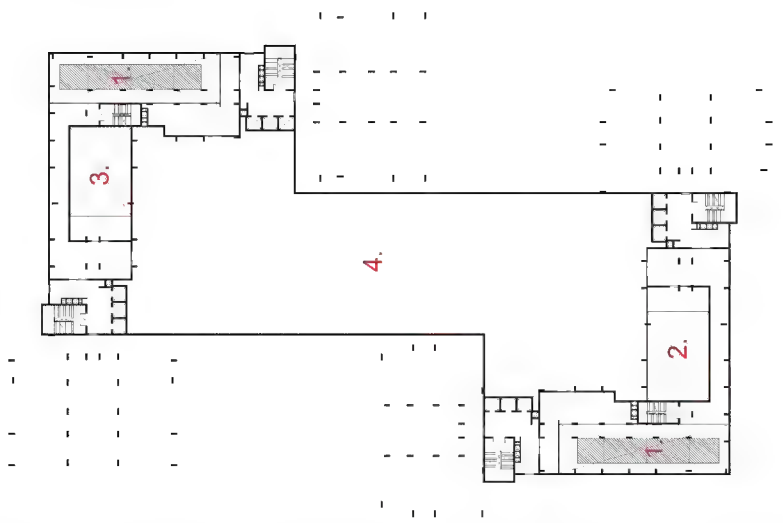
1. MAIN LOBBY
2. GANESH STATUE
3. PRESSURE SHAFT
4. ELECTRICAL SHAFT
5. L.V. SHAFT
6. FHC
7. MAIL ROOM
8. TRASH ROOM
9. TRASH CHUTE
10. LIFT LOBBY
11. STAIRCASE
12. ADMIN
13. W/C
14. BICYCLE TRACK
15. PATHWAY
16. GROUND & SEATING AREA
17. REJUVENATION AREA
18. CRECHE/KIDS PLAY AREA

Ground Floor Plan- EWS

1. MAIN LOBBY
2. MAIL ROOM
3. COMMUNITY HALL
4. FHC
5. L.V. SHAFT
6. ELECTRICAL SHAFT
7. PRESSURE SHAFT
8. LIFT LOBBY
9. STAIRCASE
10. TRASH ROOM
11. TRASH CHUTE
12. ADMIN ROOM
13. W/C
14. SECURITY/CCTV ROOM
15. GROUND/ GARDEN



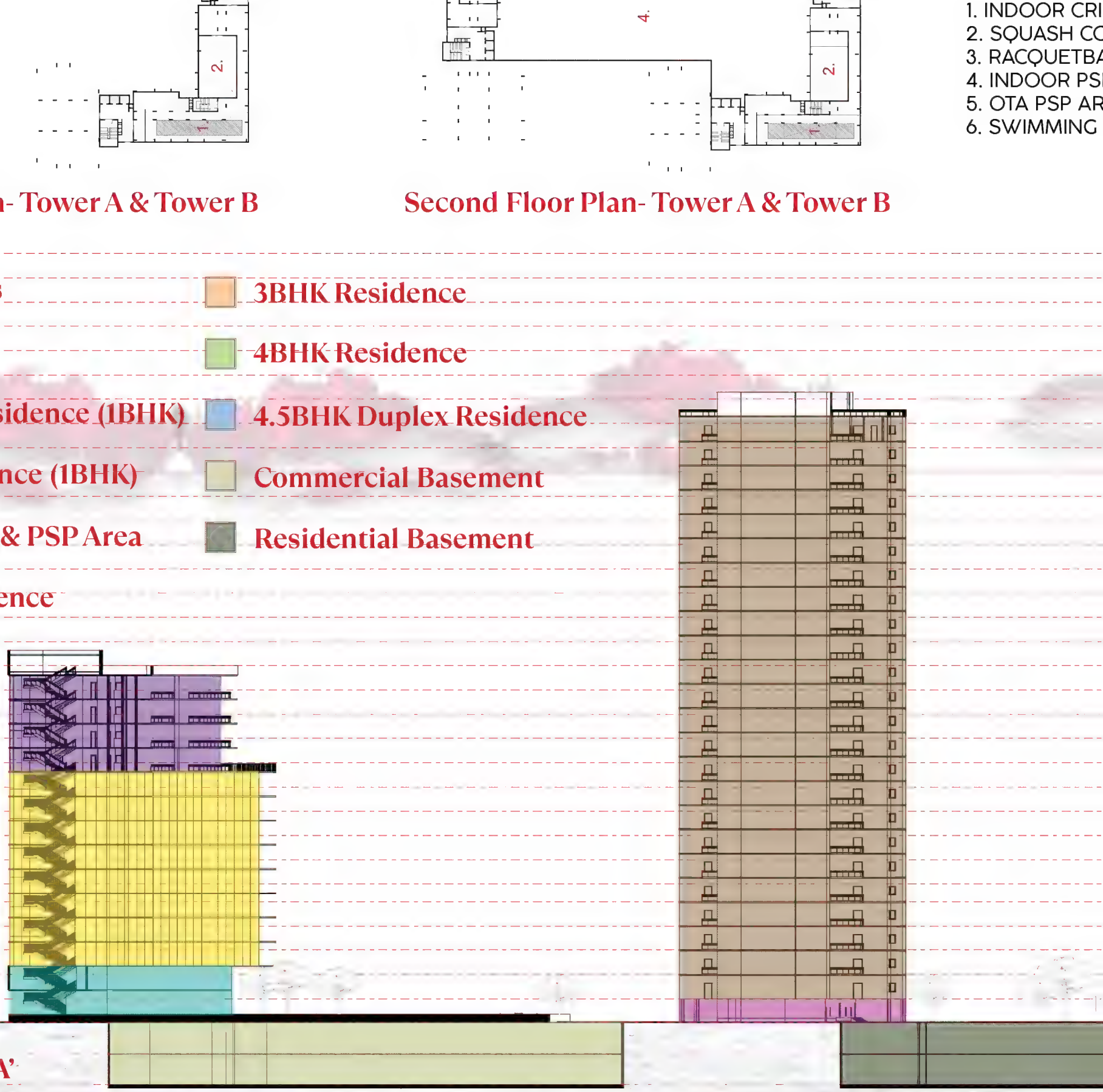
First Floor Plan- Tower A & Tower B



Second Floor Plan- Tower A & Tower B

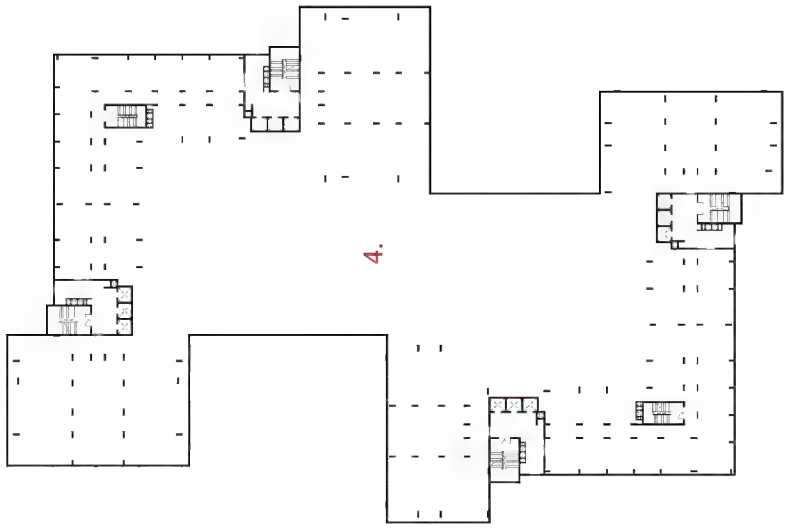
1. INDOOR CRI
2. SQUASH CO
3. RACQUETBA
4. INDOOR PS
5. OTA PSP AR
6. SWIMMING

- Retail Shops
- Offices
- Co-habit Residence (1BHK)
- EWS Residence (1BHK)
- Main Lobby & PSP Area
- 2BHK Residence
- 3BHK Residence
- 4BHK Residence
- 4.5BHK Duplex Residence
- Commercial Basement
- Residential Basement

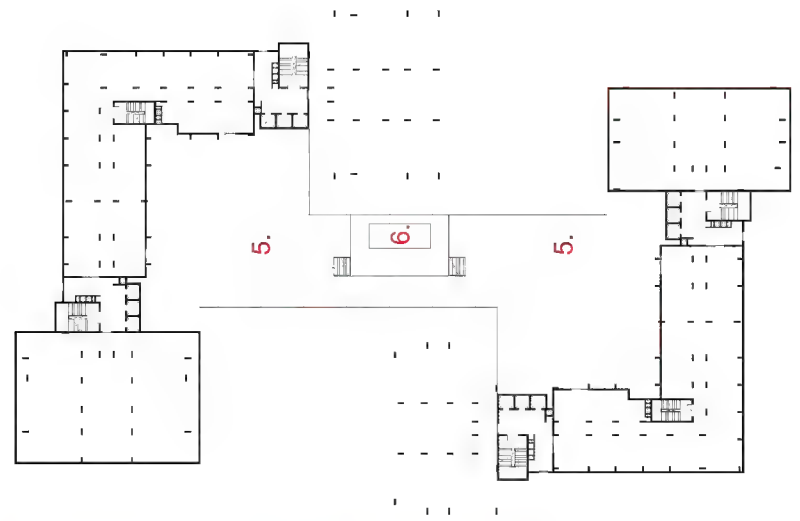


Site Section A-A'

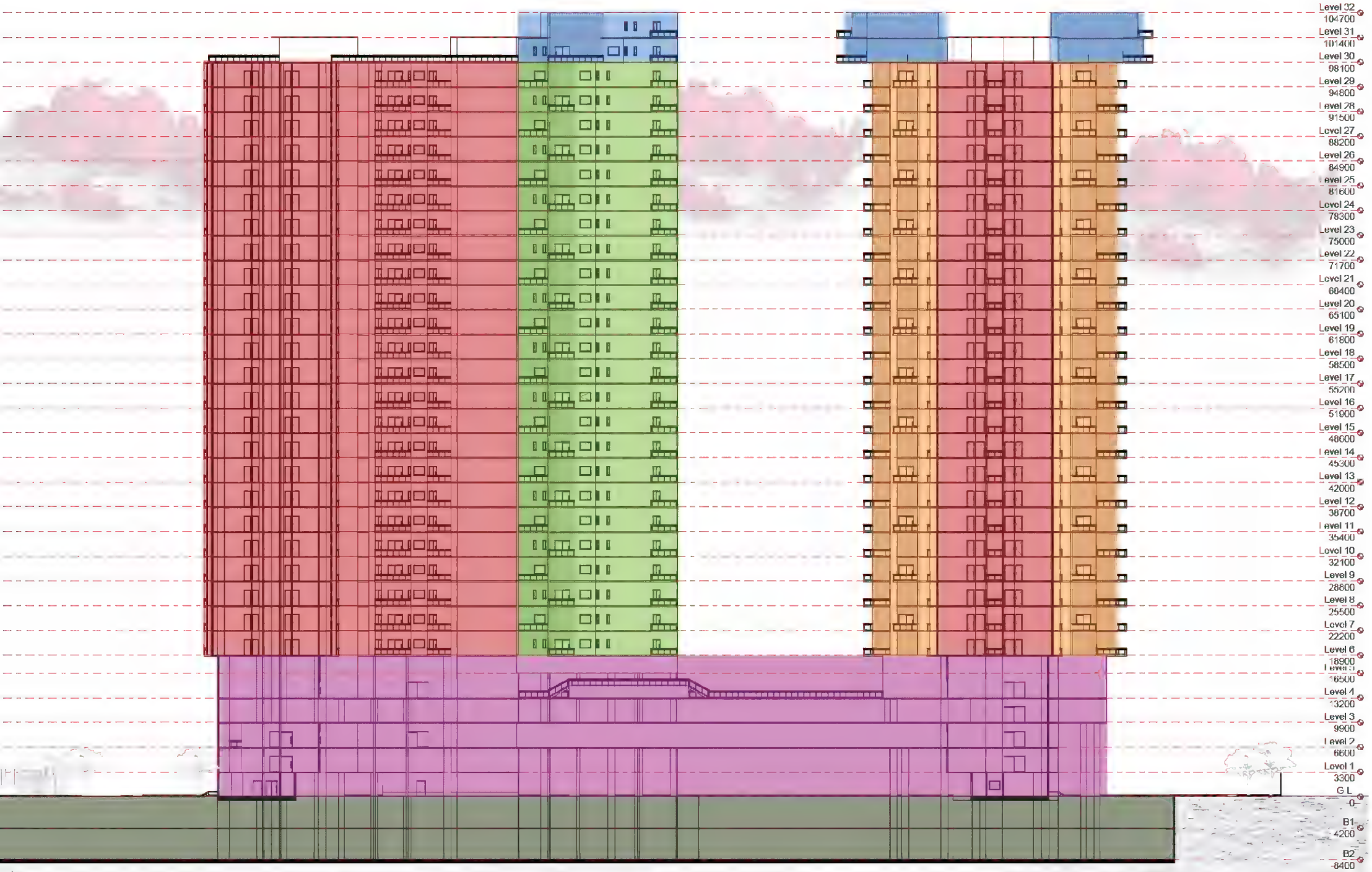
CKET PITCH
URT
ALL COURT
P AREA
EA
POOL



Third Floor Plan- Tower A & Tower B

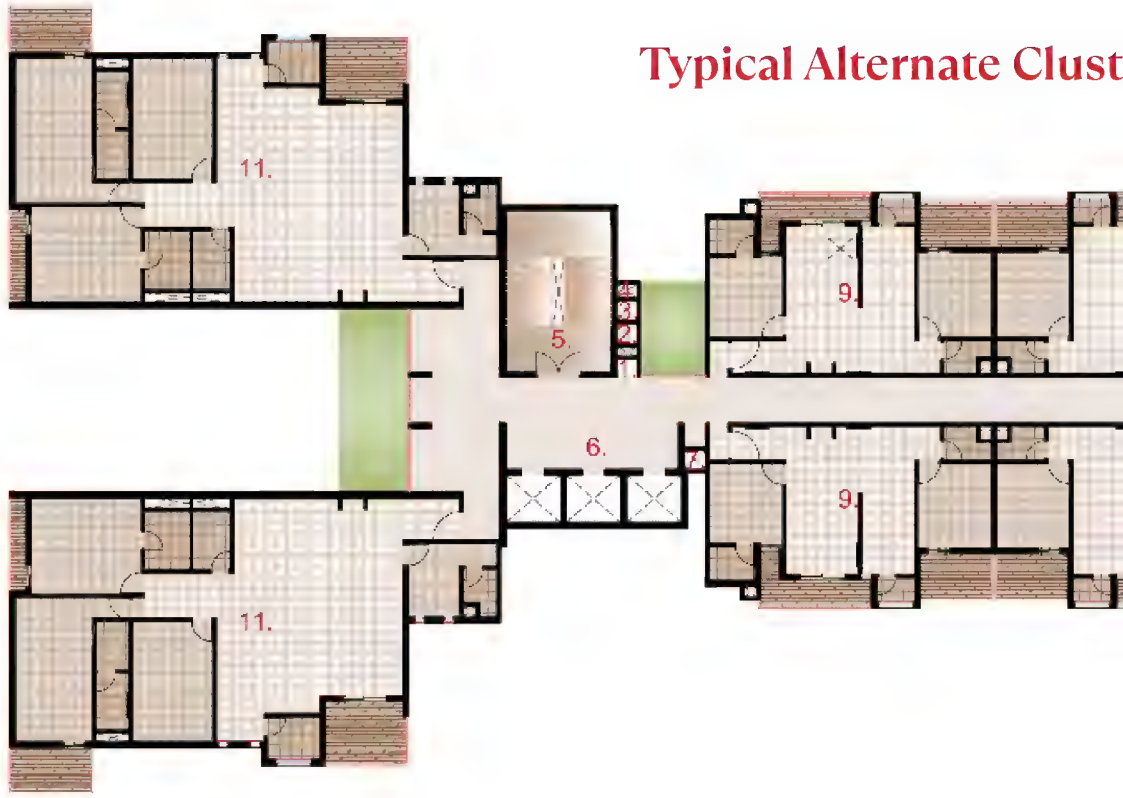


Fourth Floor Plan- Tower A & Tower B



Residential

Typical Alternate Cluster Plan (Tower - B)



Typical Alternate Clust

1. FHC
2. L.V. SHAFT
3. ELECTRICAL S
4. PRESSURE SH
5. STAIRCASE
6. LIFT LOBBY
7. TRASH CHUTE
8. 3BHK

er Plan (Tower - A)

HAFT
IAFT

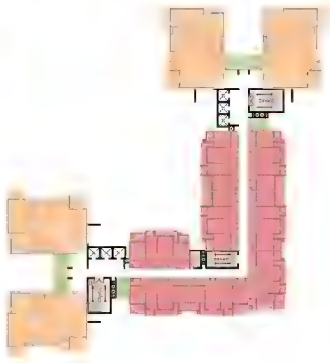
E

9. 2BHK
10. MAINTENANCE ROOM
11. 4BHK
12. EWS (1BHK)
13. COMMON DECK
14. COMMON GREEN PATCH
15. CO-LIFE SPACE (1BHK)

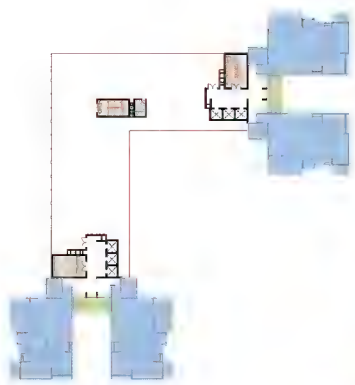
Typical Residential Cluster Plan (Commercial Tower)

Typical Cluster Plan (EWS Tower)

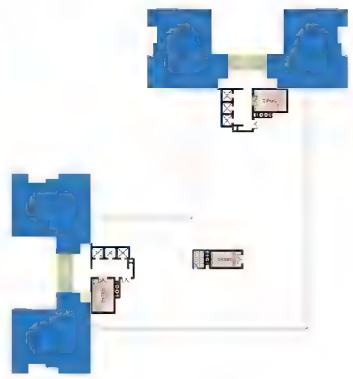
Tower - A (Typical Plan)



Tower -B (Typical Plan)

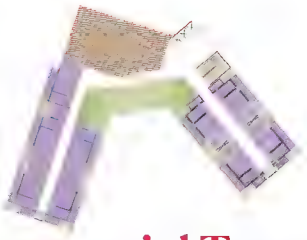


Tower - A (Penthouse Floor Plan)



Tower -B (Penthouse Floor Plan)

EWS (Typical Plan)



Commercial Tower (Residential Floors Plan)

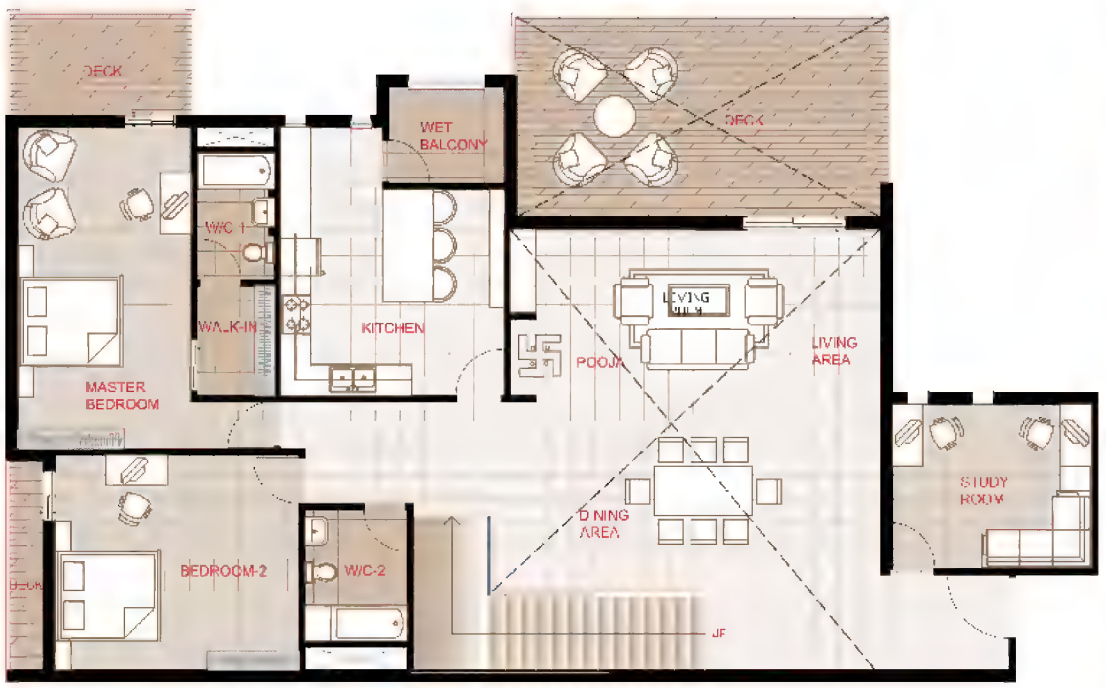
Co-habit 1BHK

EWS 1BHK

2BHK

3BHK (Tower-B)

4BHK (Tower-A)

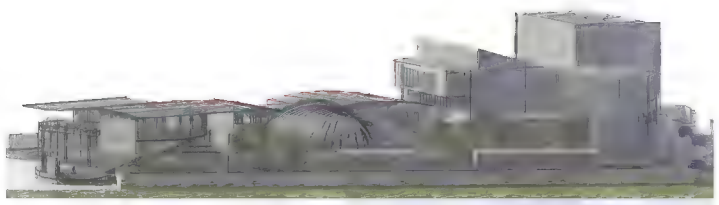


4.5BHK Penthouse Lower Floor (Tower-A)

4.5BHK Penthouse Upper Floor (Tower-A)

4.5BHK Penthouse Lower Floor (Tower-B)

4.5BHK Penthouse Upper Floor (Tower-B)



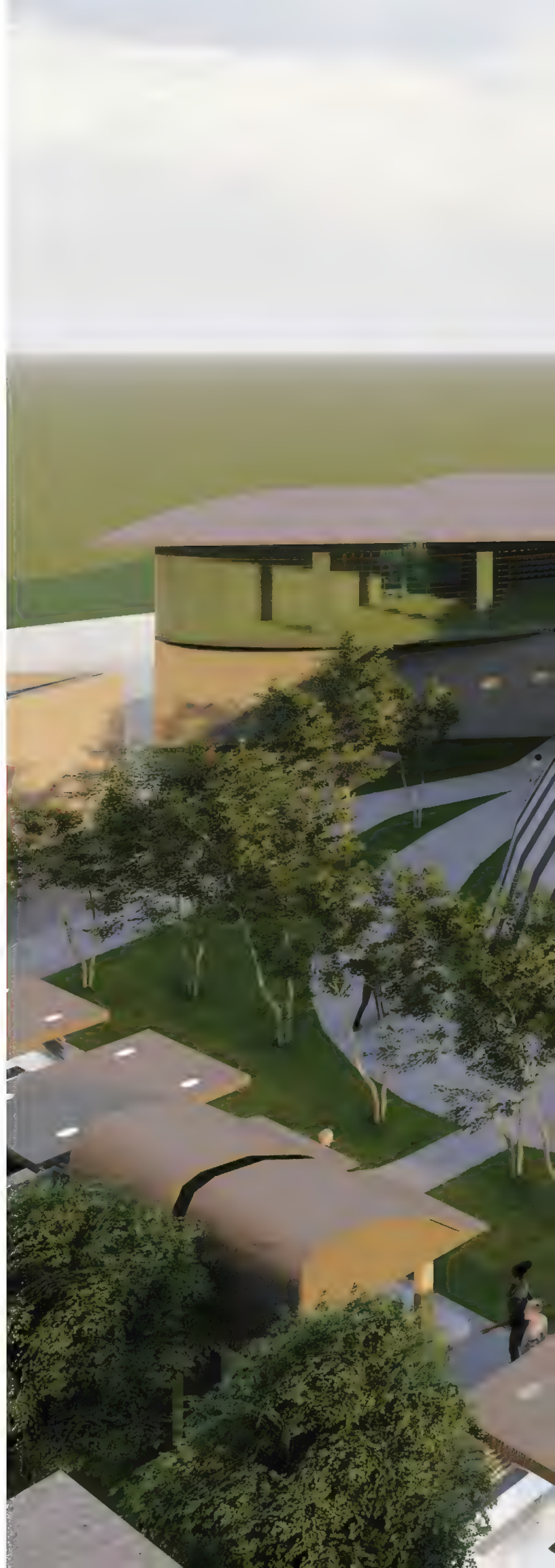
element

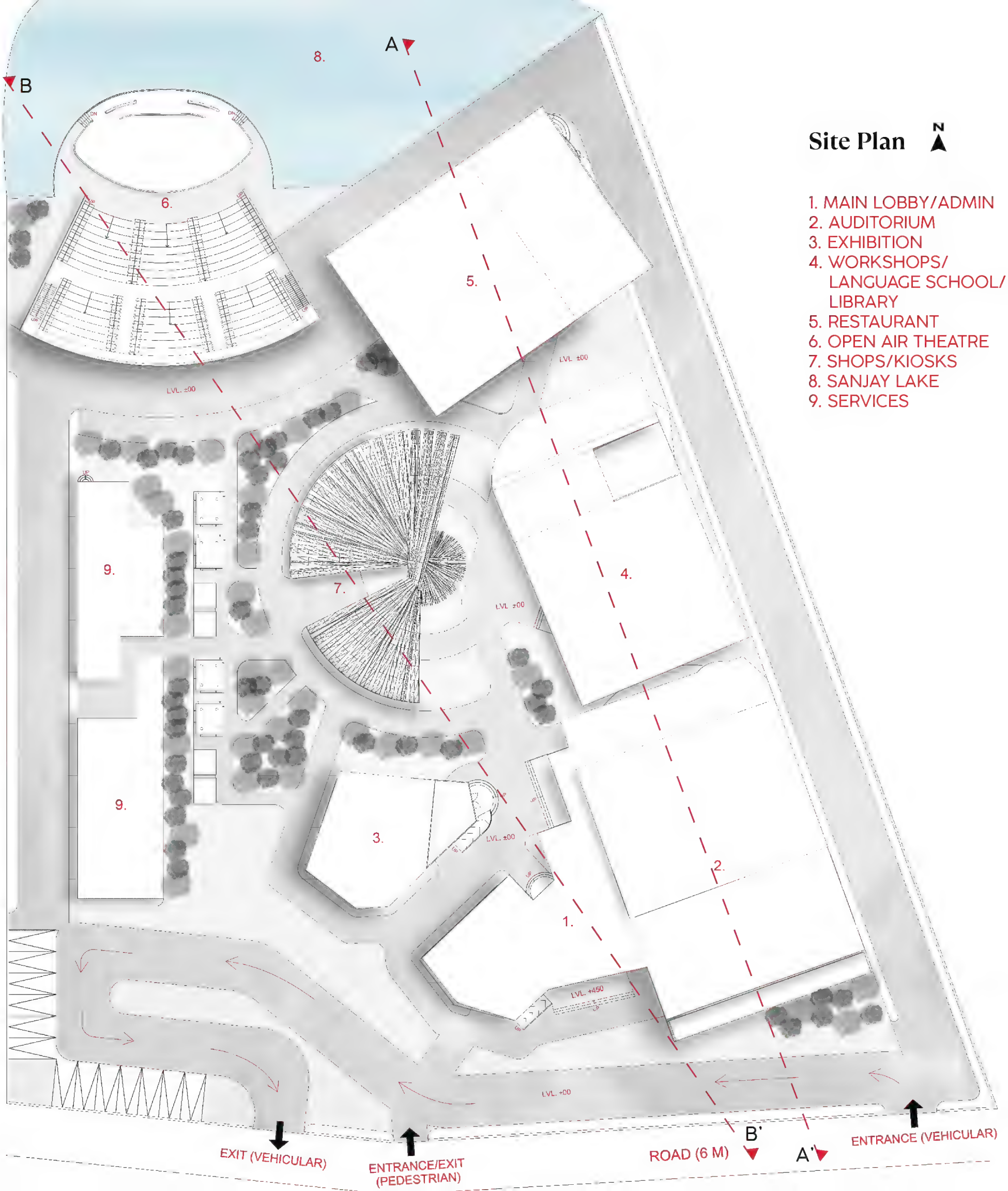
/'ɛllm(ə)nt/
an essential or characteristic part of something abstract.

Typology: Instituitional
Location: Sanjay Lake, Trilokpuri, New Delhi
Site Area: 2.75 Acres (11126 sq. m.)
Ground Coverage: 30%
FAR: 1.2

This community-driven hub fosters artistic expression, cultural preservation, and social inclusivity.
It integrates with the natural surroundings, the centre will provide spaces for local art, performance, learning, and community engagement.
Key components will include exhibition galleries, multipurpose halls, workshops, art/music classrooms, and outdoor spaces like a plaza and lake promenade.

The design will emphasize flexibility, accessibility, and sustainability, using local materials and passive design strategies, while ensuring active participation from the local community in shaping the space.

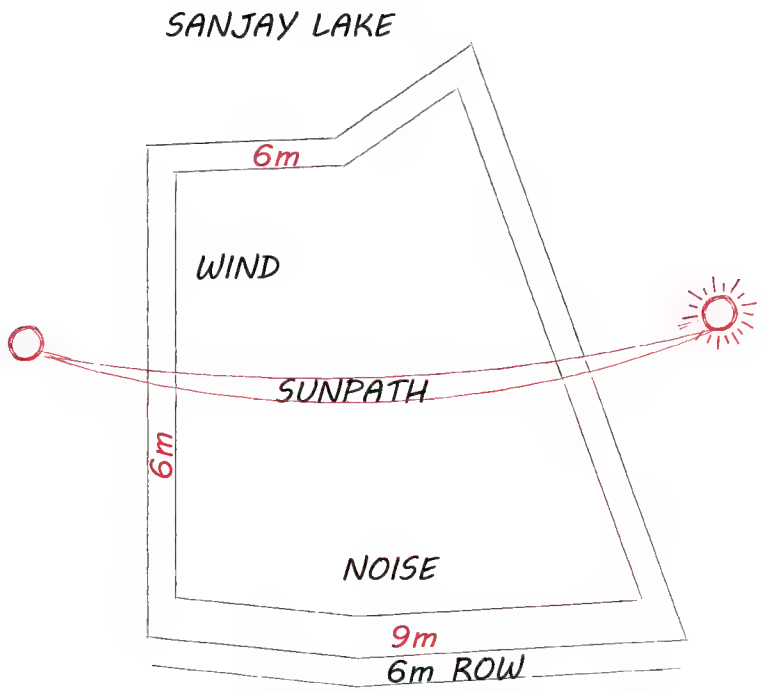




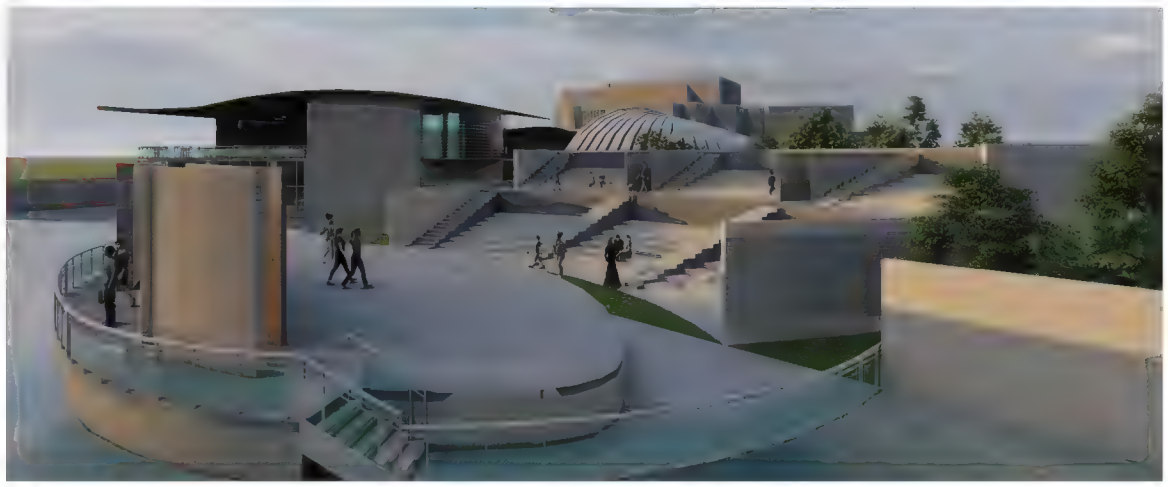
Site Plan

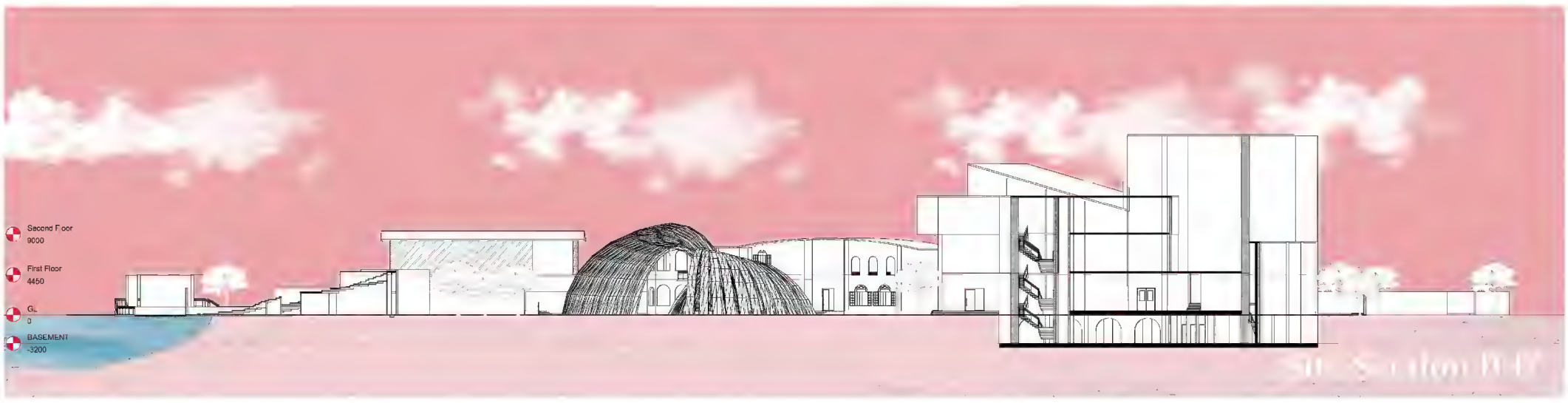
N

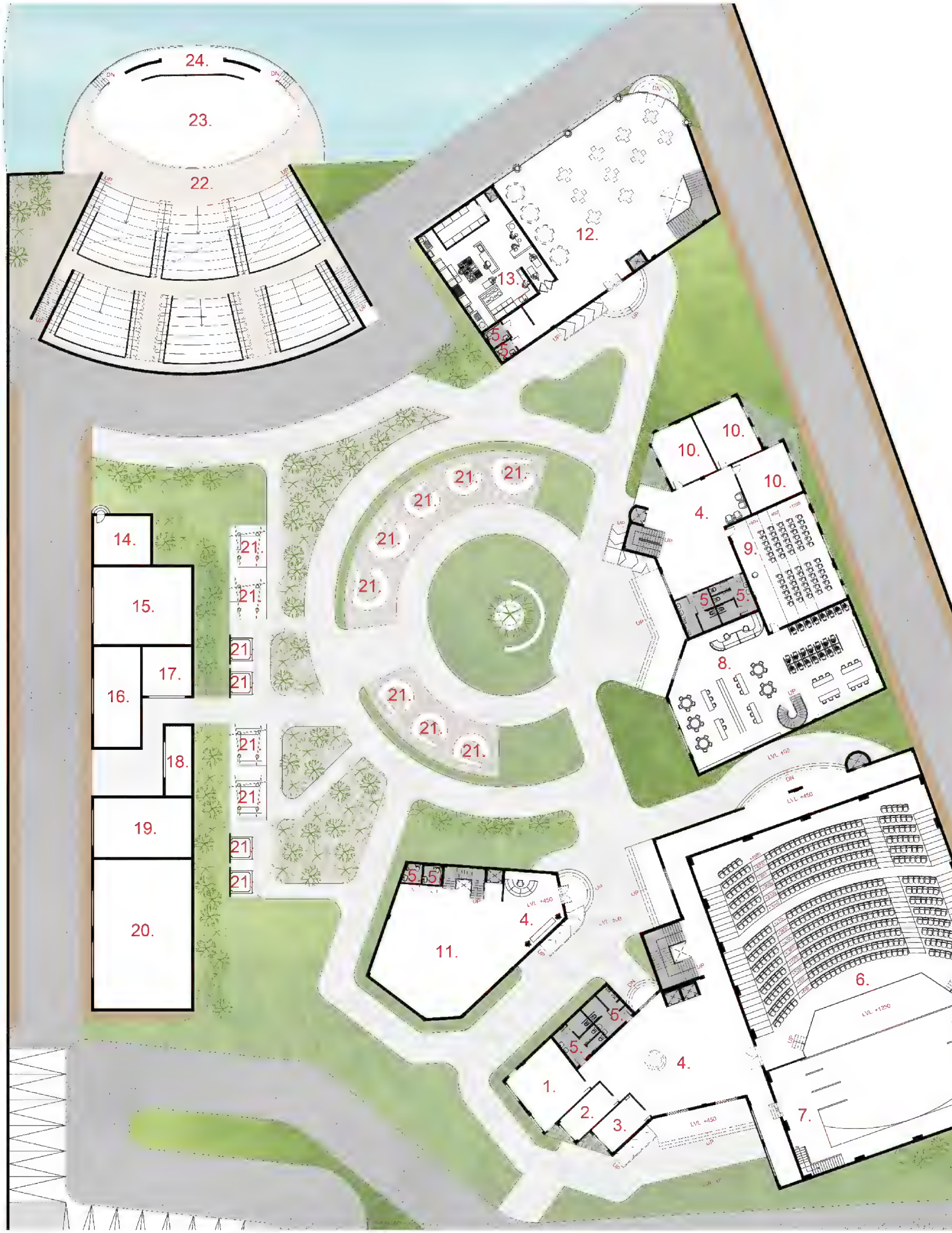
1. MAIN LOBBY/ADMIN
2. AUDITORIUM
3. EXHIBITION
4. WORKSHOPS/ LANGUAGE SCHOOL/ LIBRARY
5. RESTAURANT
6. OPEN AIR THEATRE
7. SHOPS/KIOSKS
8. SANJAY LAKE
9. SERVICES



Site Analysis



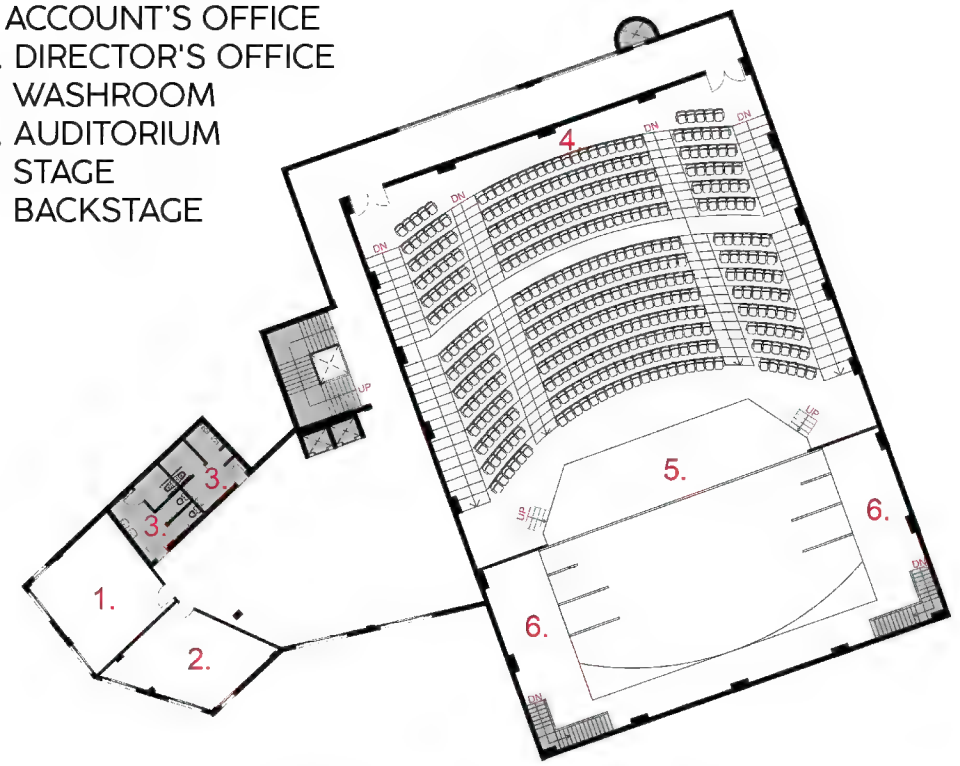




1. GENERAL OFFICE
2. MANAGER'S OFFICE
3. ADMIN
4. RECEPTION/ WAITING
5. WASHROOM
6. AUDITORIUM
7. BACKSTAGE
8. LIBRARY
9. SEMINAR HALL
10. LANGUAGE SCHOOL
11. INDOOR EXHIBITION
12. RESTAURANT
13. KITCHEN
14. MAINTENANCE ROOM
15. ELECTRIC SUBSTATION
16. ELECTRICAL ROOM
17. L.V. ROOM
18. PUMP ROOM
19. GENERATOR ROOM
20. AC PLANT ROOM
21. KIOSKS/ SHOPS
22. OPEN-AIR THEATRE
23. FLOATING STAGE
24. BACKSTAGE

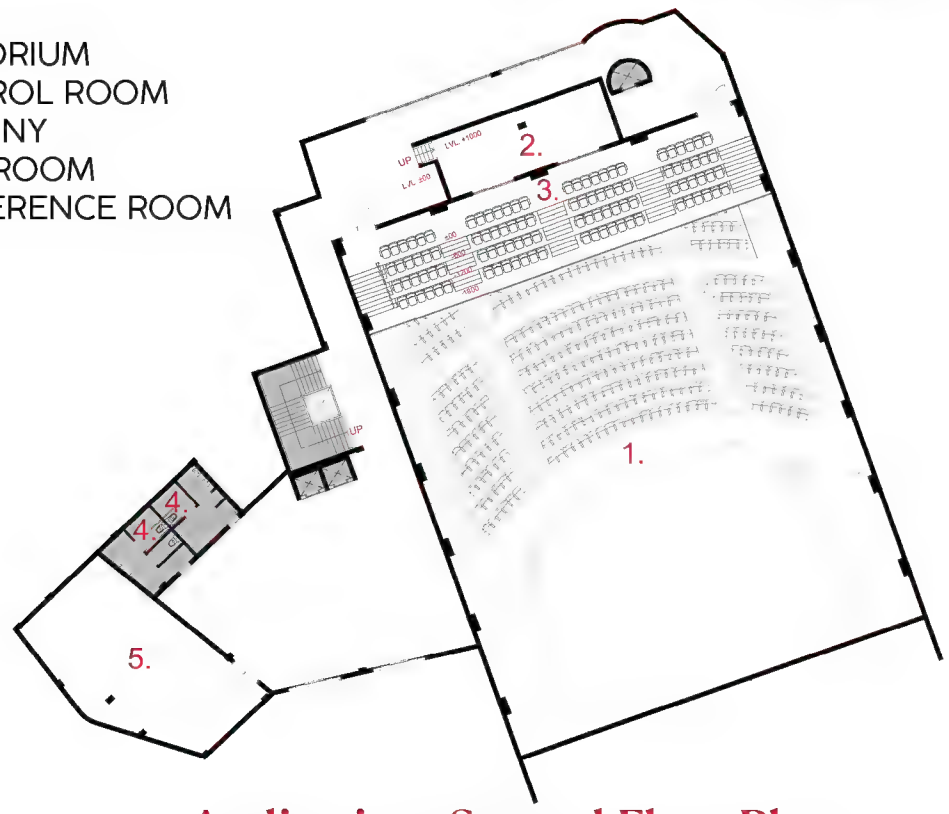
Ground Floor Plan

1. ACCOUNT'S OFFICE
2. DIRECTOR'S OFFICE
3. WASHROOM
4. AUDITORIUM
5. STAGE
6. BACKSTAGE



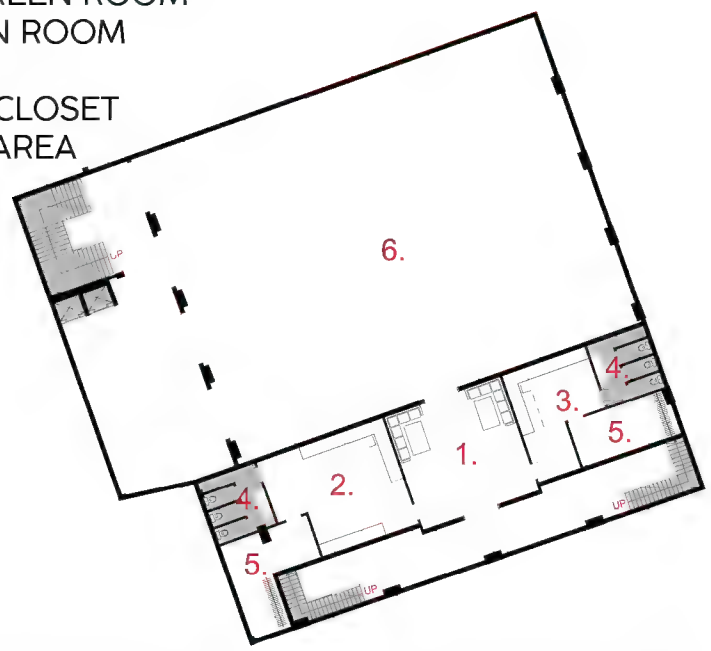
Auditorium First Floor Plan

1. AUDITORIUM
2. CONTROL ROOM
3. BALCONY
4. WASHROOM
5. CONFERENCE ROOM



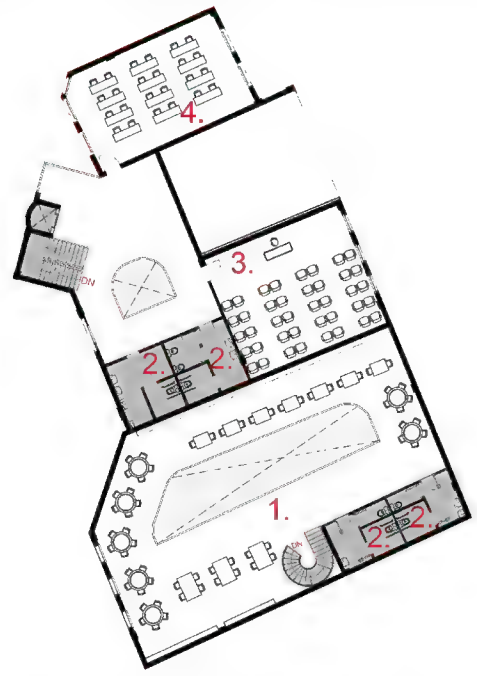
Auditorium Second Floor Plan

1. LOUNGE AREA
2. WOMEN'S GREEN ROOM
3. MEN'S GREEN ROOM
4. WASHROOM
5. WARDROBE/CLOSET
6. REHEARSAL AREA

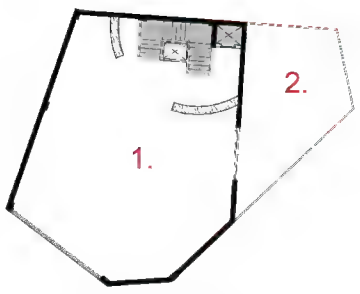


Auditorium Basement Floor Plan

1. LIBRARY
2. WASHROOM
3. LECTURE HALL
4. WORKSHOP AREA

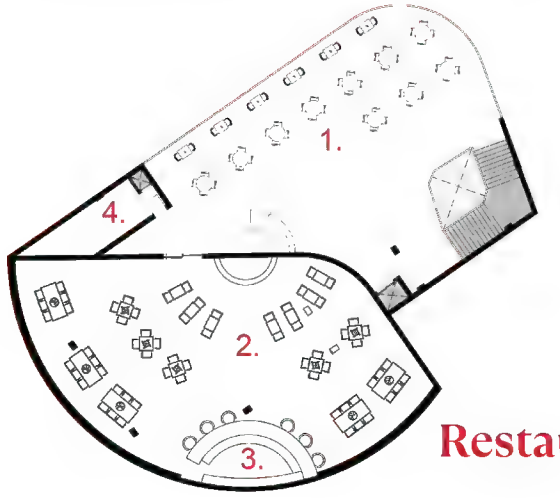


Language School/ Workshop First Floor Plan



1. INDOOR EXHIBITION
2. TERRACE

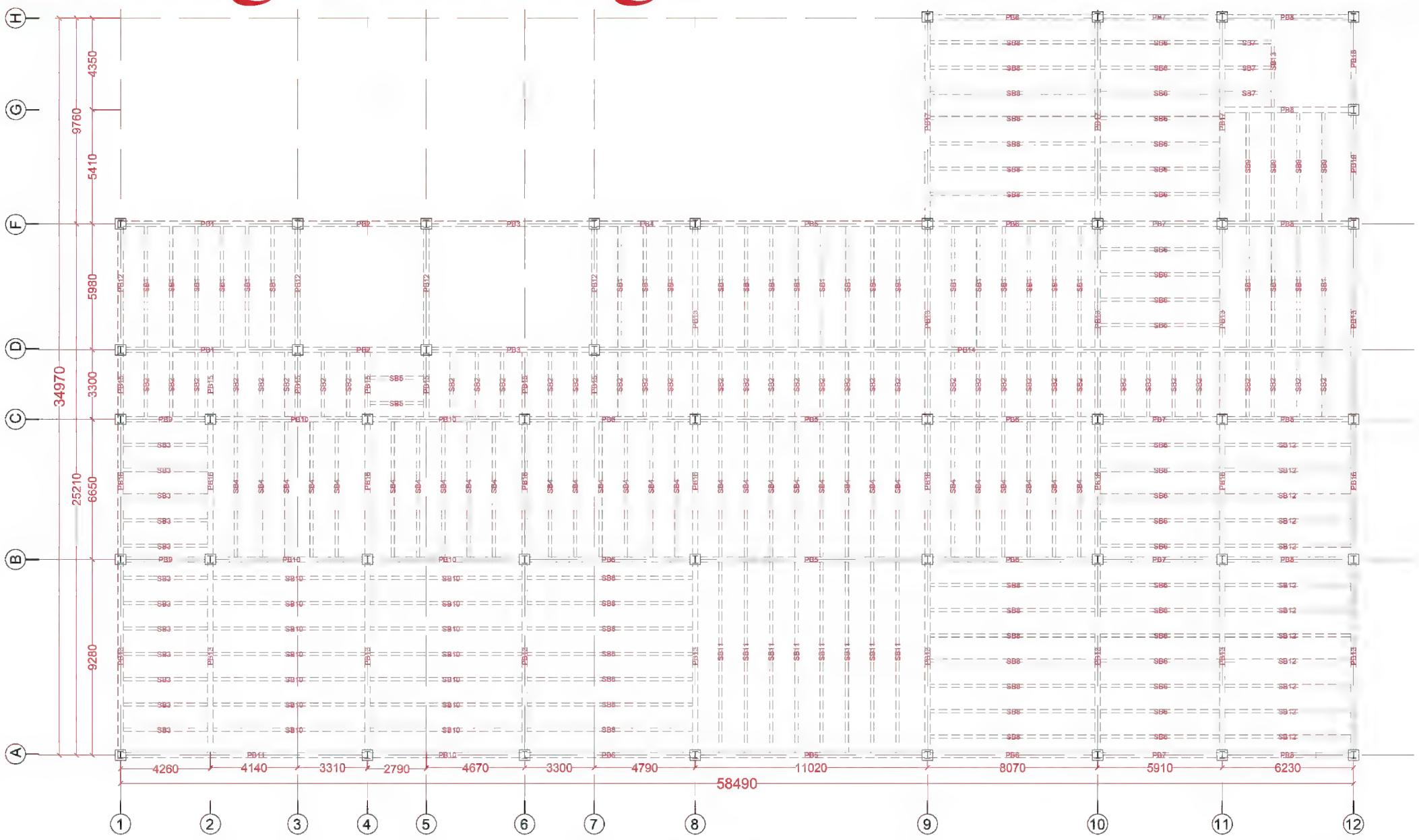
Exhibition First Floor Plan



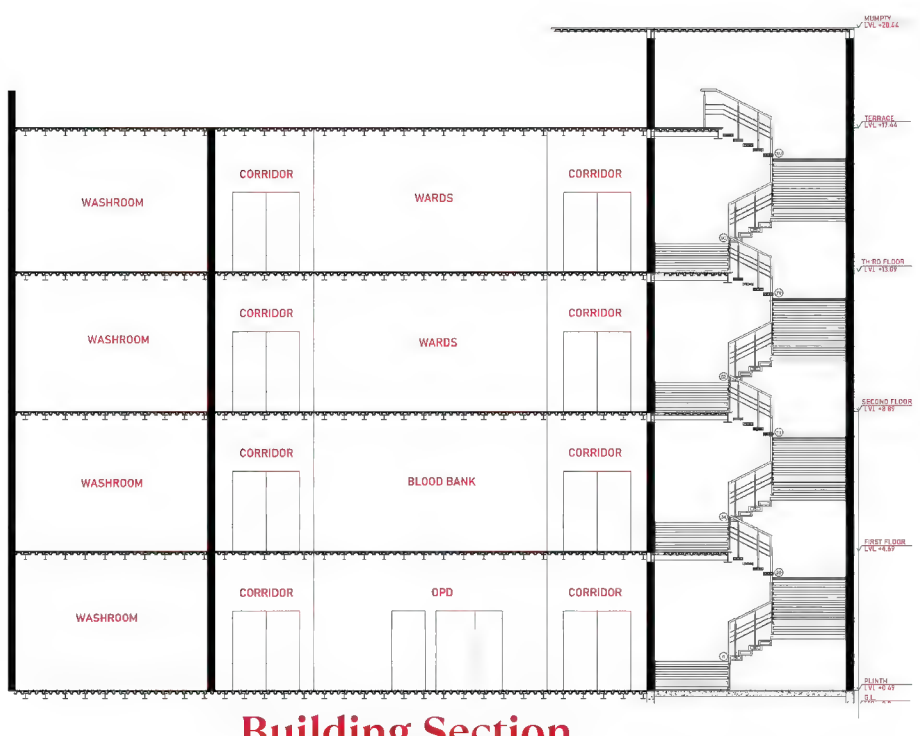
1. OUTDOOR SEATNG
2. INDOOR SEATING
3. BAR AREA
4. DUMBWAITER AREA

Restaurant First Floor Plan

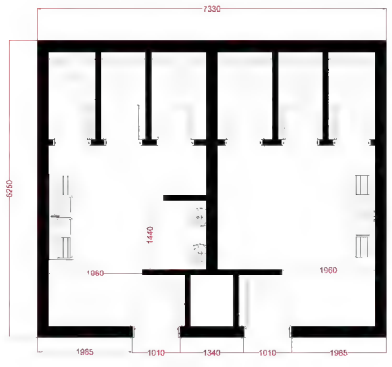
working drawings



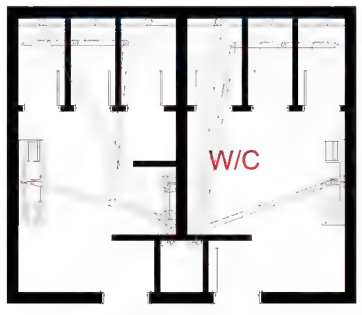
Grid Layout



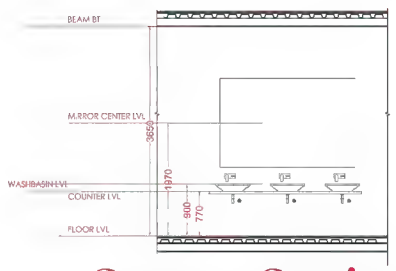
Building Section



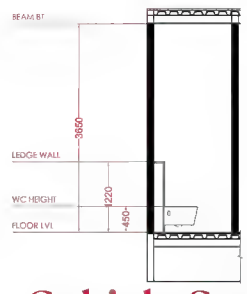
Plan



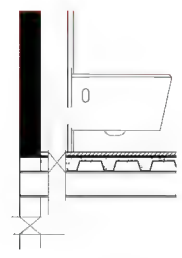
Plumbing



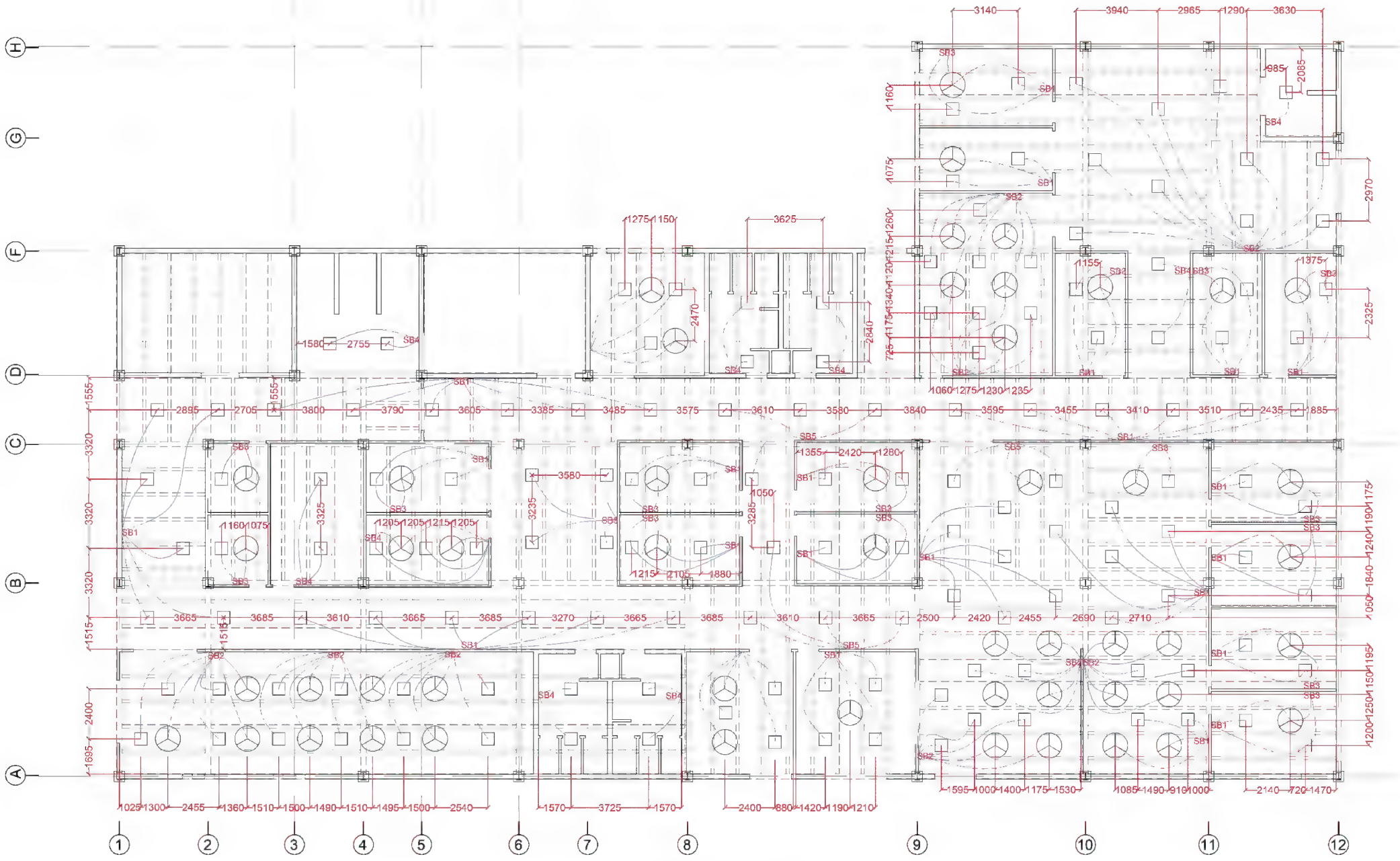
Counter Section



Cubicle Section



Core-cut Detail



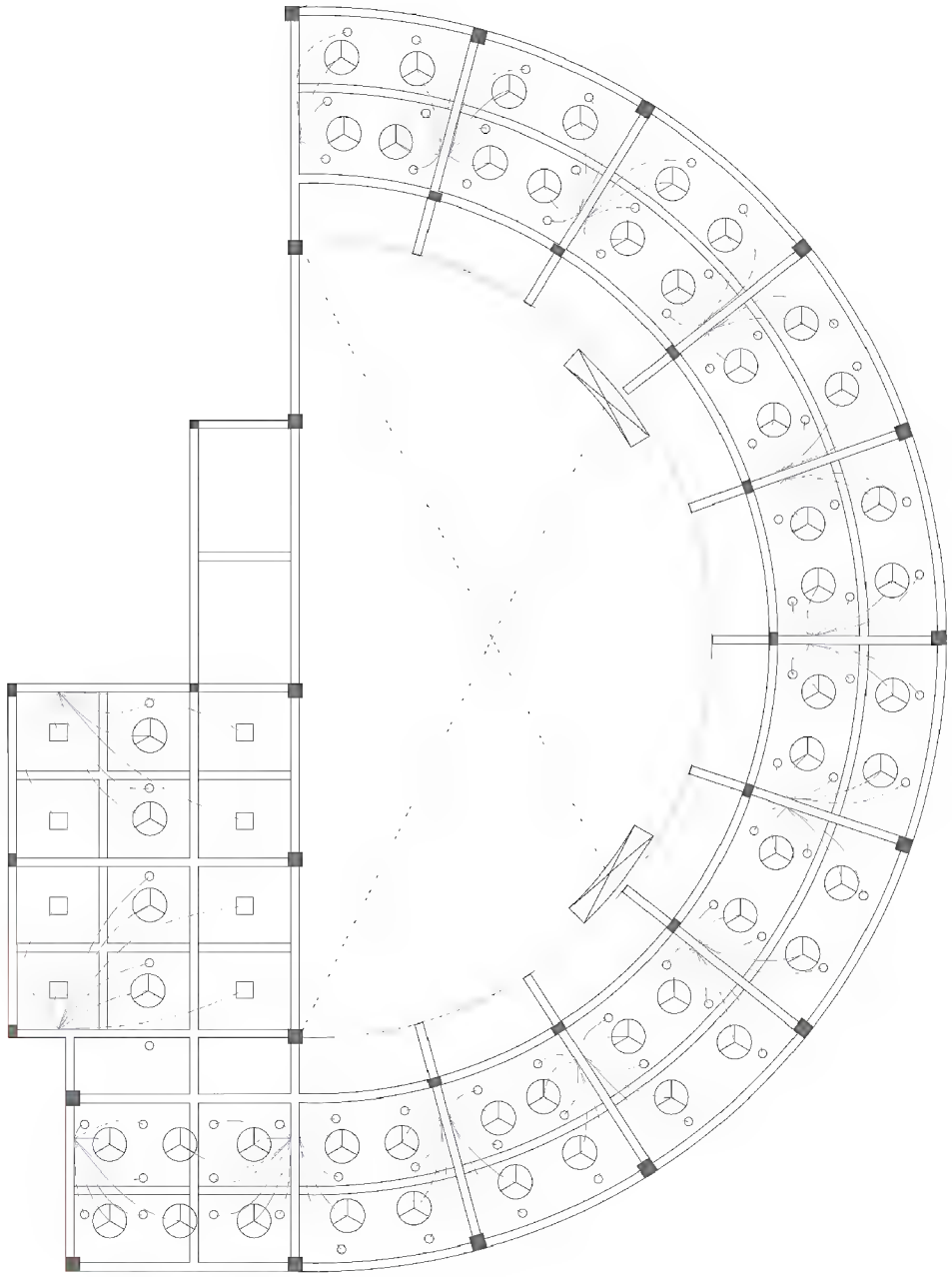
RCP Layout

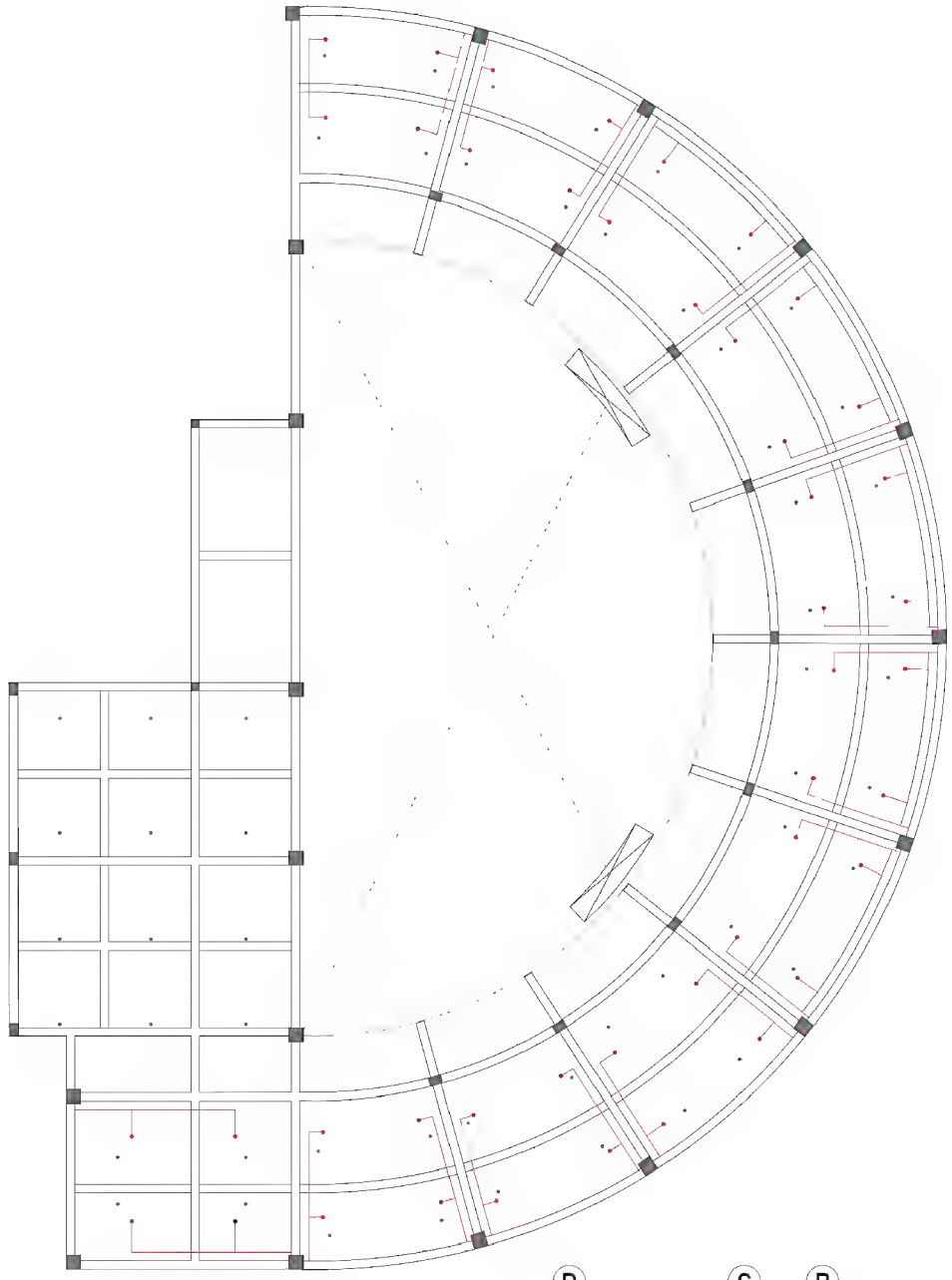
NAME	SIZE	NUMBER
PB1	250X250X8400	2
PB2	250X250X6100	2
PB3	250X250X7970	2
PB4	250X250X4790	1
PB5	250X250X11020	4
PB6	250X250X8080	8
PB7	250X250X5910	5
PB8	250X250X6230	6
PB9	250X250X4260	2
PB10	250X250X7450	5
PB11	250X250X11710	1
PB12	250X250X5980	4
PB13	250X250X9280	14
PB14	250X250X36020	1
PB15	250X250X3300	7
PB16	250X250X6650	9
PB17	250X250X9760	3
PB18	250X250X4350	1
PB19	250X250X5410	1

NAME	SIZE	NUMBER
SB1	150X150X5980	27
SB2	150X150X3300	38
SB3	150X150X4260	12
SB4	150X150X6650	30
SB5	150X150X2790	2
SB6	150X150X5910	23
SB7	150X150X2200	3
SB8	150X150X8080	21
SB9	150X150X5410	4
SB10	150X150X7450	14
SB11	150X150X9280	8
SB12	150X150X6230	12
SB13	150X150X4350	1

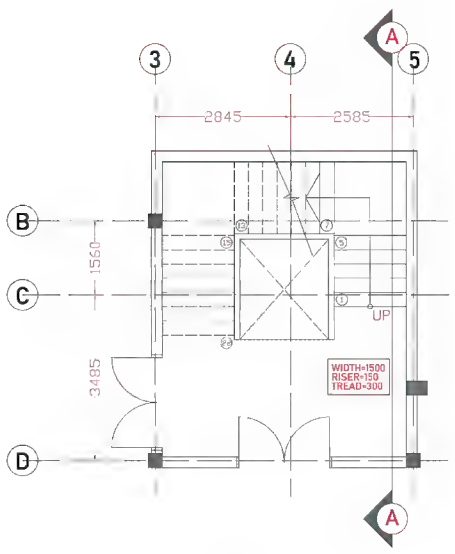
SWITCHBOARD MODULES		
DENOTION	MODULE	NO. OF MODULES
SB1	6M	22
SB2	12M	9
SB3	3M	16
SB4	2M	9
SB5	4M	4

Key Plan

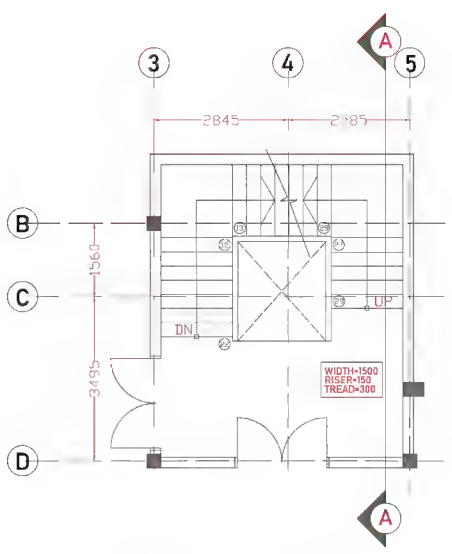




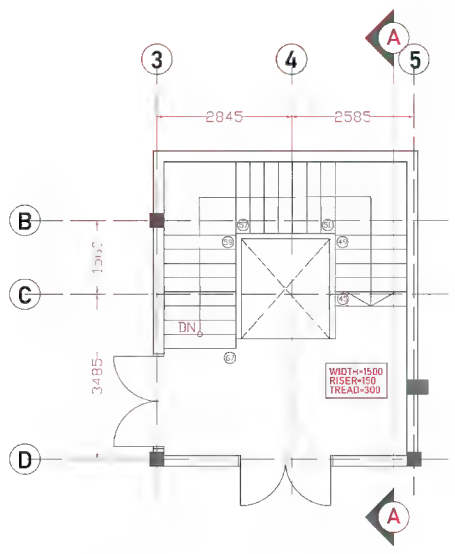
RCP Layout - Fan and Light; Sprinkler and Detector



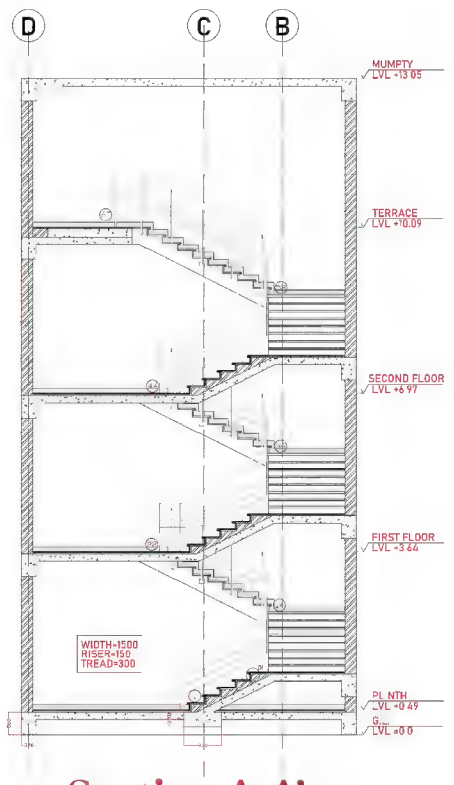
Ground Floor Plan



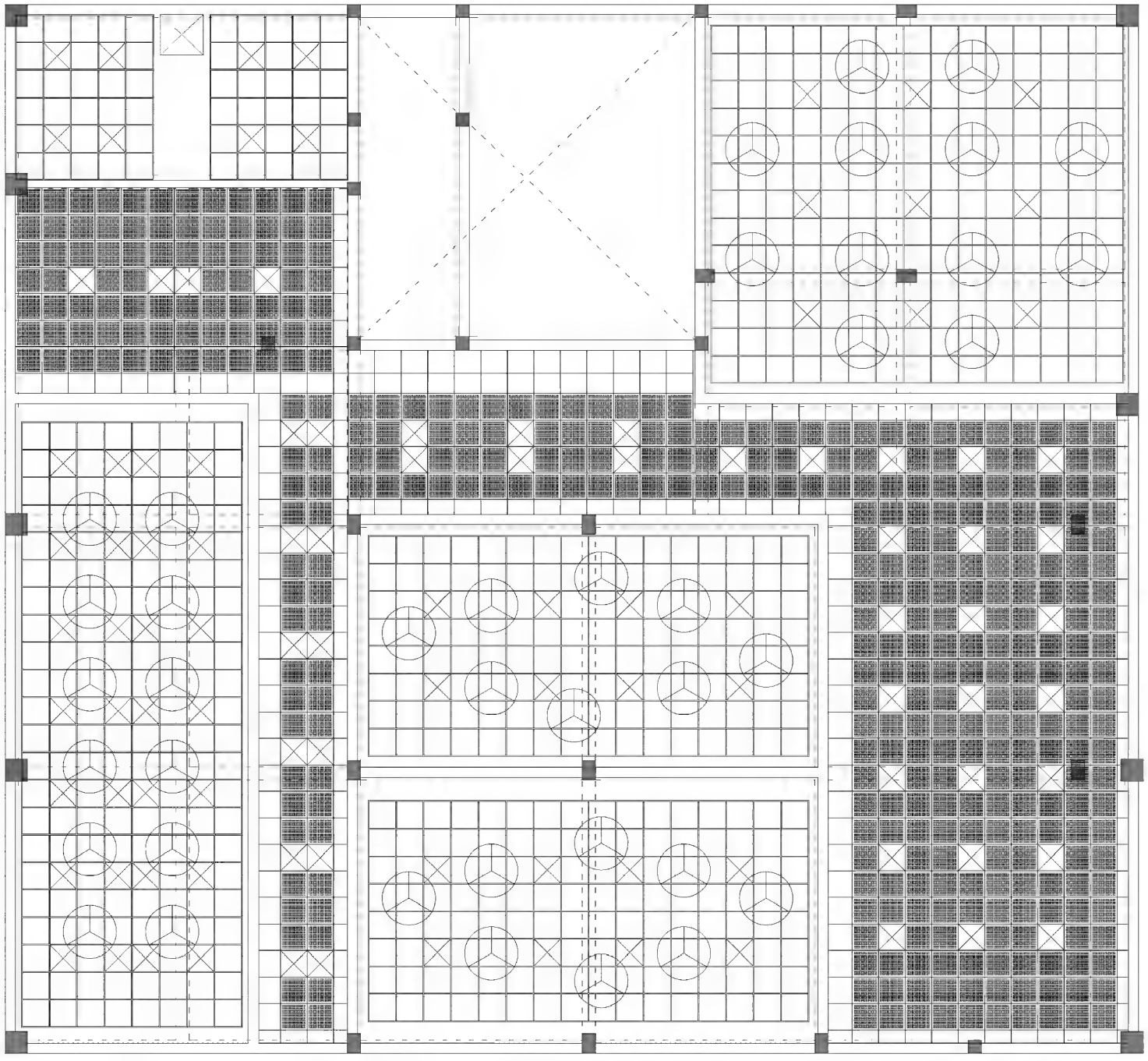
First Floor Plan



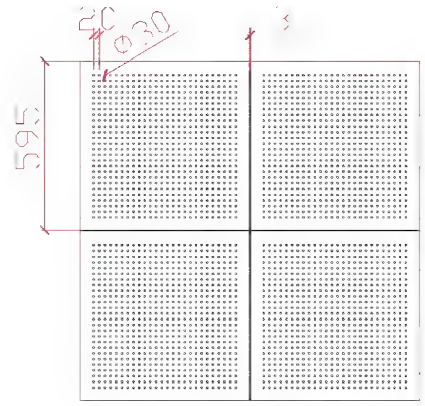
Terrace Floor Plan



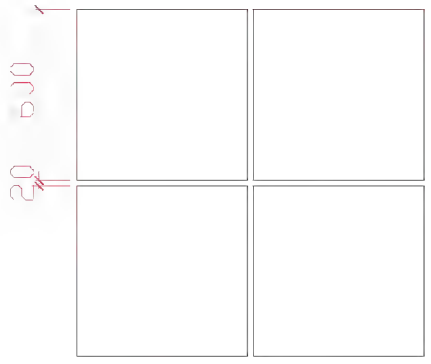
Section A-A'



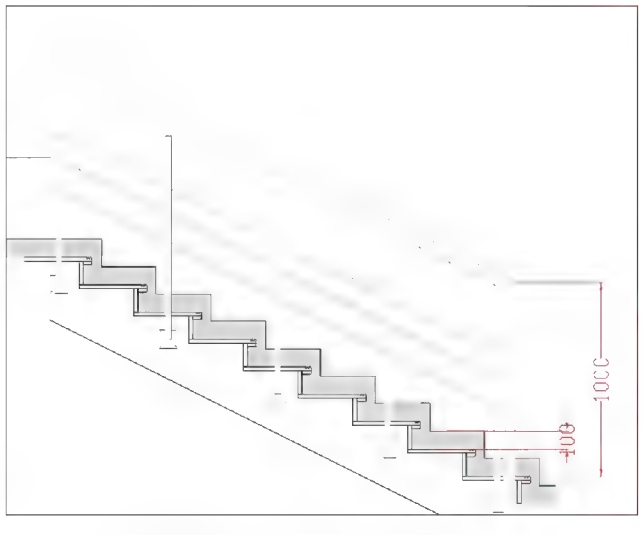
RCP Layout - False Ceiling



Perforated Ceiling

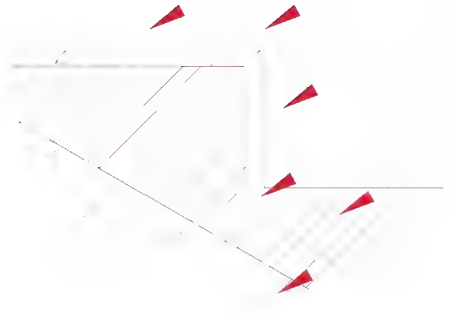


Grid Ceiling



Railing Elevation

Railing Detail



GRANITE TREAD 300MM

GROOVE 6X6MM

GRANITE RISER 150MM

MORTAR BED 20MM

BRICK

CONCRETE 150MM

Detail at D1

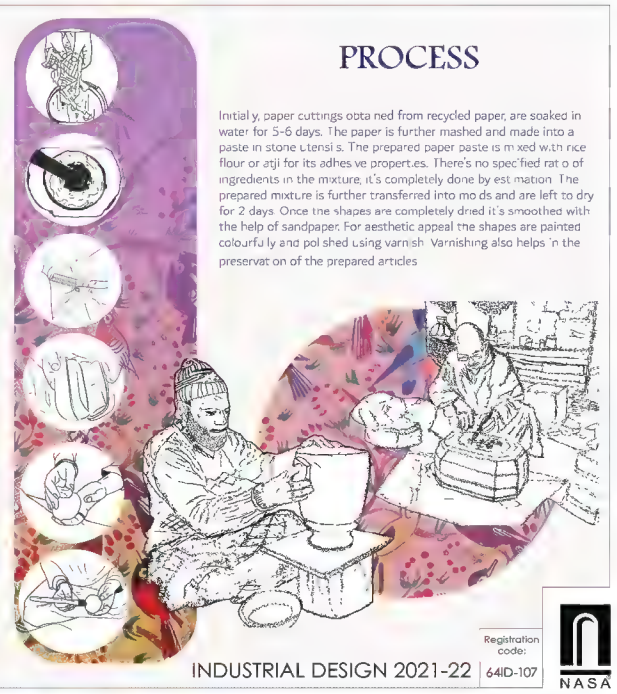
miscellaneous

HISTORY & CULTURAL BACKGROUND

The practice of Srinagar paper mache craft in Kashmir was a consequence of its historical location on the silk route, and the assimilation of the influences of Persian culture in Kashmir
Papier mache craft is largely pursued by the Shia sect of Kashmir Muslims
They trace their ancestry back to the craftsmen who had migrated with Shah e Hamadan from Iran, the catalyst of popularity of craft in kashmir.
Papier mache craft making happens in two phases one set of artists, the sakhtasaz, make the base structure and then the naqqashi artists work on drawing the designs and polishing the craft. The sakhtasazi and naqqashi artists work closely with each other.
The tradition of papier mache has mostly existed as a family occupation
The design motifs majorly used are: Gulandar Gul (flower in flower), Hazara (thousand flowers) Gul Vilayat (dear flower), Mughal Paintings, mythological figures, animal hunting and battle scenes

PROCESS

Initially, paper cuttings obtained from recycled paper, are soaked in water for 5-6 days. The paper is further mashed and made into a paste in stone utensils. The prepared paper paste is mixed with rice flour or atji for its adhesive properties. There's no specified ratio of ingredients in the mixture, it's completely done by estimation. The prepared mixture is further transferred into moulds and are left to dry for 2 days. Once the shapes are completely dried it's smoothed with the help of sandpaper. For aesthetic appeal the shapes are painted colourfully and polished using varnish. Varnishing also helps in the preservation of the prepared articles



PEPPER SPRAY BANGLE

As the name suggests, this bangle doubles as a pepper spray when required. The bangle, divided into 2 parts, is attached at one end with a hinge. One half is hollowed out to comprise the pepper spray and the other half is completely solid but at the end, which acts as the cap for the nozzle of pepper spray.

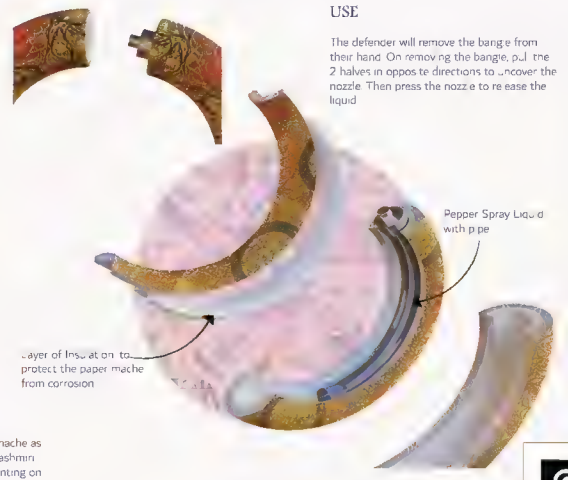
Cap: Selective part hollowed out for covering nozzle when wearing the bangle.
Nozzle: Outlet for releasing the liquid
Hinge: Joining 2 halves of bangles
Exterior: Paper mache as main material, Kashmiri paper mache painting on the exterior

MECHANISM

A torus shape has been used for the bangle so that it can be hollowed out to transform it into a container or storage space. Half of the bangle has been hollowed so once the liquid is to be released, the required pressure difference is created to perform the action. The nozzle can be removed to refill the pepper spray. Since it is an irritable liquid, it requires a cover to avoid unwanted release. Hence a part of the 2nd half has been hollowed out to clasp onto the other half, forming the complete bangle

USE

The defender will remove the bangle from their hand. On removing the bangle, pull the 2 halves in opposite directions to uncover the nozzle. Then press the nozzle to release the liquid



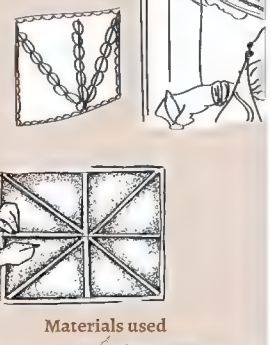
lippan kaam

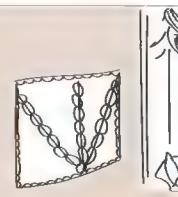
Process

1)Lippan Art traditionally employs a dough made from animal dung and mud or clay from the Rann of Kutch and the Kutch lakes. Dung and clay are combined in equal parts to make a dough.

2)First, a border is created to serve as a frame within which decorative motifs are created. Horizontal and vertical lines divide the surface.

3)After drying, the artwork is coated with white clay or white sand from the Rann. Lippan takes days to dry and make because each step is done by hand.





The mixture has also changed drastically. Instead of animal dung, the dough is composed of chalk powder, sawdust, mud, and glue. The process is simpler, the work is lighter, less prone to breakage, and odorless. The use of modern materials has allowed the artwork to last longer. In comparison to traditional art, it is more durable and requires little to no maintenance.

Materials used

chirag darpan

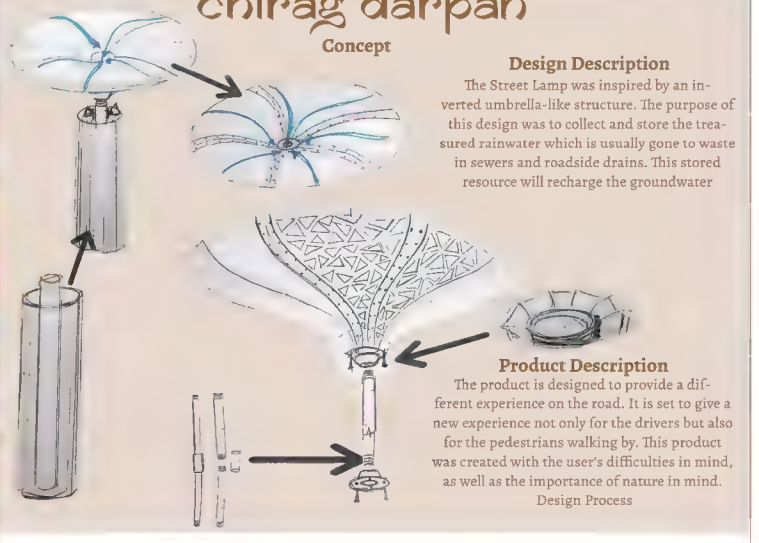
"its not about reflection, its what you see beyond it"

chirag darpan

Concept

Design Description

The Street Lamp was inspired by an inverted umbrella-like structure. The purpose of this design was to collect and store the treasured rainwater which is usually gone to waste in sewers and roadside drains. This stored resource will recharge the groundwater



Product Description

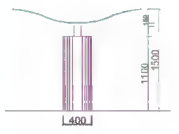
The product is designed to provide a different experience on the road. It is set to give a new experience not only for the drivers but also for the pedestrians walking by. This product was created with the user's difficulties in mind, as well as the importance of nature in mind.
Design Process

chirag darpan

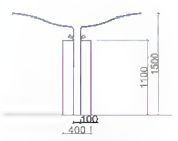
WORKING DRAWINGS

PLAN

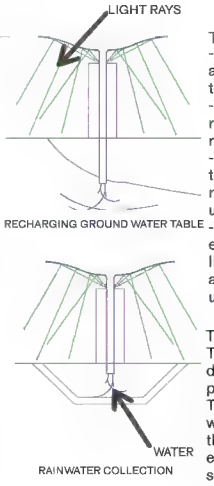
ELEVATION



SECTION



(ALL DIMENSIONS IN MM)

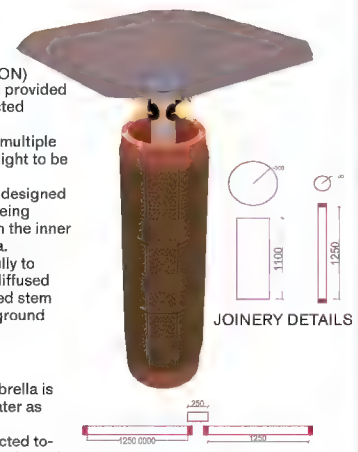


WORKING

THE STREET LIGHT (REFLECTION)
-A light source (fluorescent bulb)is provided at the neck of the umbrella , projected towards the optical mirror.
-They ,in return, using principle of multiple reflection increase the amount of light to be reflected.
-To illuminate the road, the light is designed to be projected on the road after being reflected from the mirror placed on the inner under side of the inverted umbrella.
-These mirrors are placed beautifully to enhance the Lippan art when the diffused light from mirrors falls on the carved stem and creates beautiful patterns on ground using light and shadow.

THE RAINWATER COLLECTION:
The whole bucket-like inverted umbrella is designed to collect as much rainwater as possible.
The rainwater is collected and directed towards the main channel, which runs through the core of (whole) lamp post. This water is emptied into an underground tank which serves as a storage space for future use this valuable resource.

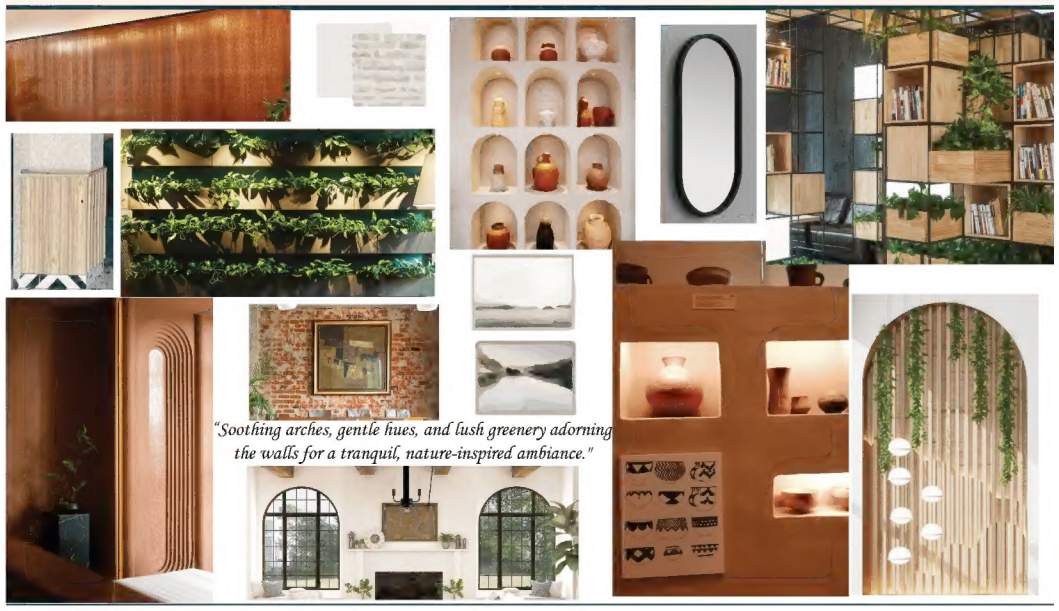
ISOMETRIC VIEW



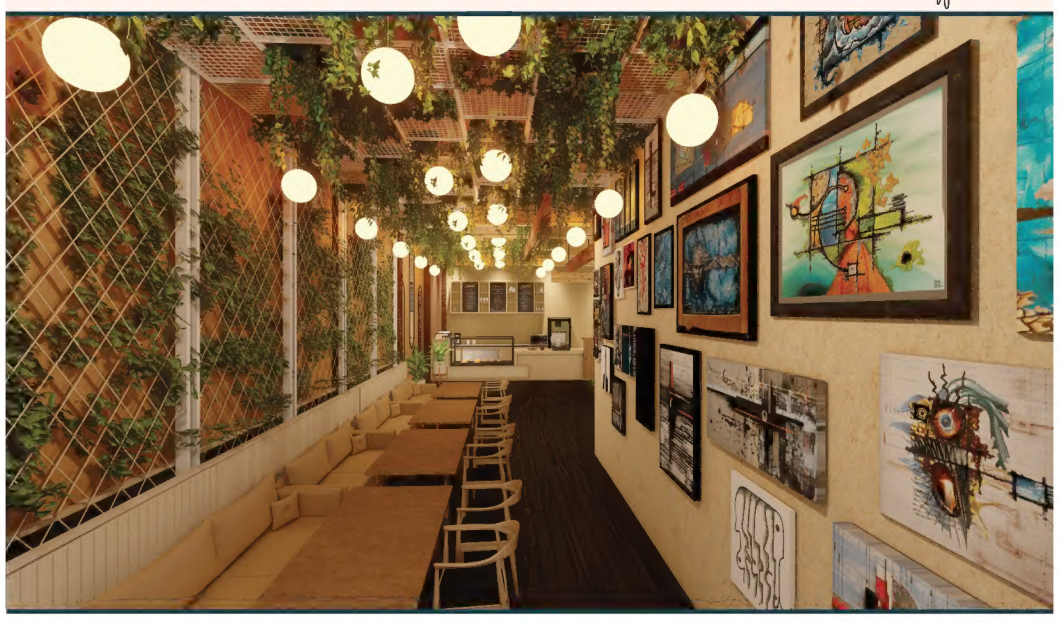
Caffine

"Elevate ambiance with a natural touch, bringing freshness."

Caffine



Caffine

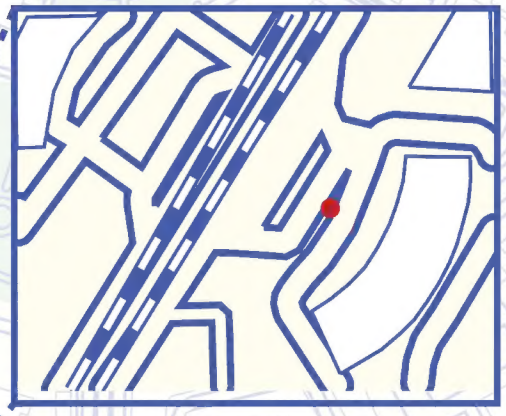


Caffine

Caffine

Caffine

Interior Design- Cafe Design

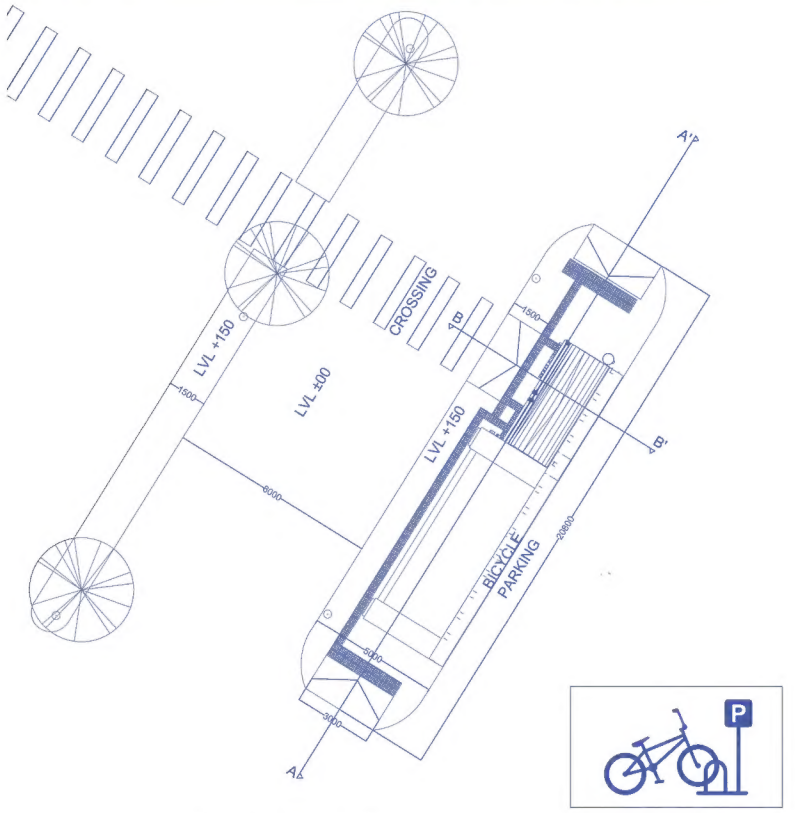


Existing Plan

Palika Kendra Bus Stop

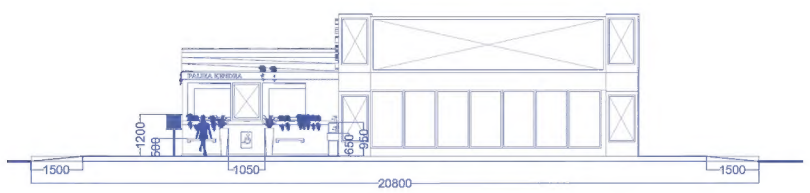
Existing View

Palika Kendra bus stop has shelter and seating but lacks ramps, kerb cuts, and tactile paths, making it unfriendly for disabled users despite heavy foot traffic.



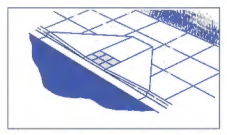
Reimagined Plan (1:100)

No bicycle parking; no provision for alternative travel.



Section A-A' (1:75)

Barriers to Inclusive Access



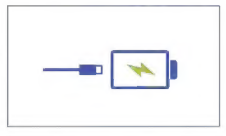
No ramp access for wheelchair users.

No tactile pavers for the visually impaired.

Poor street lighting reduces safety.

No pedestrian crossing nearby.

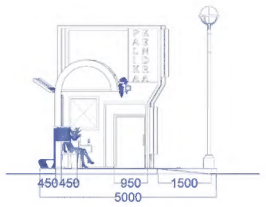
Seating not accessible for wheelchairs.



No charging ports provided.

Braille signages are missing.

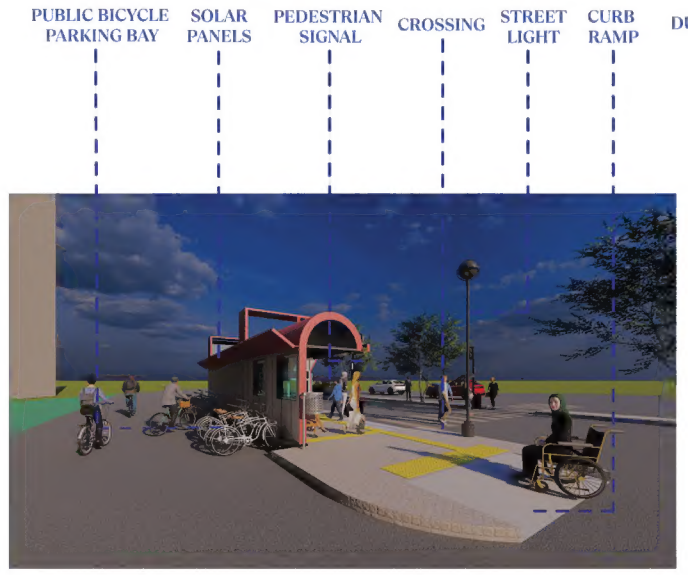
No accessible drinking water.



Section B-B' (1:75)

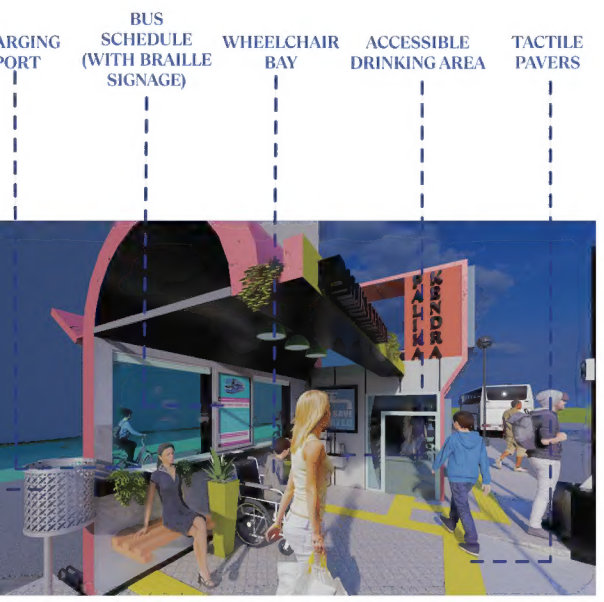
No pedestrian traffic signal.

By offering both an enclosed bus stop area and a standard covered waiting zone, the design ac conditions—fostering a universally accessible, weather-responsive, and



Universally Accessible Design- Bus Stop Design

commodates varying comfort levels, mobility needs, and environmental
inclusive public transit experience for all users.



Live Water Colour Painting- Views of GGSIPU, Dwarka

Glass Painting- Saint Basil's Cathedral; Blue Lilies; Neri Oxman

3D Paper Art- Medusa; Scenery

scan me!

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